

# GS-HYDRO – INTERPUMP FLUID SOLUTIONS HYDRAULIC HOSES



 **GS-PIPING WITHOUT WELDING™**



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# INTERPUMP MARATHON 2SC

## THEMM2K

**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL, ABS.

**APPLICABLE SPECS.:**

IMM - EXCEED EN 857 2SC - ISO 11237 2SC



NO-SKIVE hose. Exceed EN specification. Impulse tested up to 1.000.000 cycles.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, fuel, compressed air.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water, max 70°C for compressed air, max 40°C for fuel.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THEMM2K-04	1/4"		6.4	4	13.3	450	6525	1800	26100	50	1.969	
THEMM2K-05	5/16"	8.0	5	14.8	420	6090	1680	24360	60	2.362	0.33	0.222	001C-05/G Series
THEMM2K-06	3/8"	9.5	6	17.1	385	5583	1540	22330	70	2.756	0.422	0.284	001C-06/G Series
THEMM2K-08	1/2"	12.7	8	20.4	350	5075	1500	21750	80	3.150	0.566	0.349	001C-08/G Series
THEMM2K-10	5/8"	16.0	10	23.5	350	5075	1400	20300	90	3.543	0.665	0.447	001C-10/G Series
THEMM2K-12	3/4"	19.0	12	27.6	280	4060	1120	16240	120	4.725	0.865	0.531	001C-12/G Series
THEMM2K-16	1"	25.4	16	36.0	250	3625	1000	14500	140	5.512	1.39	0.934	0022-16/G Series

Lengths exceeding EN-specification

MARKING Available "embossed" Code THEMM2KN.

**INTERPUMP MARATHON >>> EXCEEDS EN 857/ISO 11237 - 2SC DN 12 I.D. 1/2" - W.P. 350 BAR/5075 PSI - MSHA IC-**

# INTERPUMP Hipac 2SC

## THEM02K



### APPLICATIONS:



### TYPE APPROVAL:

DNV - GL

### APPLICABLE SPECS.:

IMM - EXCEED EN 857 2SC - ISO 11237 2SC - SAE 100R16

No skive hose. Exceed EN specification. Impulse tested up to 1.000.000 cycles.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, fuel, compressed air.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water, max 70°C for compressed air, max 40°C for fuel.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
THEM02K-04	1/4"	6.4	4	13.3	430	6235	1720	24940	50	1.969	0.285	0.191	001C-04/G Series
THEM02K-05	5/16"	8.0	5	14.8	400	5800	1600	23200	60	2.362	0.329	0.221	001C-05/G Series
THEM02K-06	3/8"	9.5	6	17.1	350	5075	1400	20300	70	2.756	0.422	0.283	001C-06/G Series
THEM02K-08	1/2"	12.7	8	20.4	310	4495	1240	17980	80	3.150	0.517	0.347	001C-08/G Series
THEM02K-10	5/8"	16.0	10	23.5	280	4060	1120	16240	100	3.937	0.626	0.421	001C-10/G Series
THEM02K-12	3/4"	19.0	12	27.6	240	3480	960	13920	120	4.724	0.765	0.514	001C-12/G Series
THEM02K-16	1 "	25.4	16	35.8	210	3045	840	12180	160	6.299	1.171	0.787	001C-16/G Series
THEM02K-20	1.1/4"	31.8	20	43.1	160	2320	640	9280	250	9.843	1.53	1.028	001C-20/G Series
THEM02K-24	1.1/2"	38.1	24	50.6	150	2175	600	8700	260	10.236	2.12	1.425	001C-24/G Series
THEM02K-32	2 "	50.8	32	63.5	100	1450	400	5800	360	14.173	2.795	1.878	001C-32/G Series
THEM02K-40	2.1/2"	63.5	40	75.6	80	1160	320	4640	600	23.622	3.224	2.167	001C-40
THEM02K-48	3"	76.2	48	88.0	65	943	260	3770	760	29.921	3.471	2.333	001C-48

MARKING: Available also embossed brand version. In case of order use THEM02KN.

**INTERPUMP** **HIPAC** EXCEEDS ISO 11237/EN 857 - 2SC DN 6 I.D. 1/4" - W.P. 430 BAR/6235 PSI - MSH

# INTERPUMP Hypress 2SC

## TFEM02K

**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL, ABS.

**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - SAE 100 R16 - ISO 11237 2SC



Compact hose with low bend radius (R16). NO-SKIVE solution. Exceed standard Burst requirements. Impulse tested up to double requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, fuel, compressed air.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water, max. 70°C for compressed air, max 40°C for fuel.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFEM02K-04	1/4"			6.4	4	13.3	400	5800	1600	23200	50	
TFEM02K-05	5/16"	8.0	5	14.8	350	5075	1400	20300	55	2.165	0.327	0.220	001C-05/G Series
TFEM02K-06	3/8"	9.5	6	17.1	330	4785	1320	19140	65	2.559	0.418	0.281	001C-06/G Series
TFEM02K-08	1/2"	12.7	8	20.4	275	3988	1100	15950	90	3.543	0.525	0.353	001C-08/G Series
TFEM02K-10	5/8"	16.0	10	23.5	250	3625	1000	14500	100	3.937	0.627	0.421	001C-10/G Series
TFEM02K-12	3/4"	19.0	12	27.6	215	3118	860	12470	120	4.724	0.782	0.526	001C-12/G Series
TFEM02K-16	1"	25.4	16	35.8	165	2393	660	9570	150	5.906	1.176	0.790	001C-16/G Series

MARKING: Available also embossed brand version. In case of order use TFEM02KN.

**INTERPUMP** **Hypress 2SC** EN 857 - DN 12 I.D. 1/2" - W.P. 275 BAR/3988 PSI - MSHA

# INTERPUMP HyGreen 4SH

## TFDR4SH



**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL.

**APPLICABLE SPECS.:**

EXCEED EN 856 4SH - ISO 3862 4SH

Biological oils compatibility. Exceed EN standard. Impulse tested up to 1.000.000 impulse cycles. High ozone and abrasion resistance.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, compressed air.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70° C for water based fluids and compressed air, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFDR4SH-12	3/4"	19.0	12	32.0	420	6090	1780	25810	210	8.268	1.572	1.056	004N-12/X Series
TFDR4SH-16	1 "	25.4	16	38.4	385	5583	1750	25375	220	8.661	2.104	1.414	004N-16/X Series
TFDR4SH-20	1.1/4"	31.8	20	45.8	350	5075	1400	20300	400	15.748	2.550	1.714	004N-20/X Series
TFDR4SH-24	1.1/2"	38.1	24	53.5	300	4350	1250	18125	560	22.047	3.225	2.167	004N-24/X Series
TFDR4SH-32	2 "	50.8	32	68.0	250	3625	1000	14500	700	27.559	4.600	3.091	004N-32/X Series

MARKING: Available also embossed brand version. In case of order use TFDR4SHN.

**ih INTERPUMP** HyGreen 4SH ISO 3862/EN 856 - DN 25 I.D. 1" - W.P. 385 bar/5583 psi - MSHA IC-242/2

# INTERPUMP Hypress R17 TFSM017

**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL, ABS.

**APPLICABLE SPECS.:**

SAE 100R17 - SAE J 517 - ISO 11237 R17



Isobaric pressure rating 210 bar/3000 psi. No skive compact hose.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** High tensile steel. 1 braid up to size 1/2", 2 braids from size 5/8" onwards.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, fuel, compressed air.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water, max 70°C for compressed air, max 40°C for fuel.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFSM017-04	1/4"	6.4	4	12.3	210	3045	840	12180	50	1.969	0.185	0.124	001C-04/G Series
TFSM017-05	5/16"	7.9	5	13.5	210	3045	840	12180	55	2.165	0.196	0.132	001C-05/G Series
TFSM017-06	3/8"	9.5	6	15.7	210	3045	840	12180	65	2.559	0.256	0.172	001C-06/G Series
TFSM017-08	1/2"	12.7	8	19.4	210	3045	840	12180	90	3.543	0.378	0.254	001C-08/G Series
TFSM017-10	5/8"	16.0	10	23.5	210	3045	840	12180	100	3.937	0.624	0.419	001C-10/G Series
TFSM017-12	3/4"	19.0	12	27.6	210	3045	840	12180	120	4.724	0.764	0.513	001C-12/G Series
TFSM017-16	1"	25.4	16	36.2	210	3045	840	12180	150	5.906	1.233	0.829	001C-16/G Series

MARKING: Available also embossed brand version. In case of order use code TFSM017N.

**INTERPUMP** **Hypress R17** SAE 100R17 - DN 6 I.D. 1/4" - W.P. 210 BAR/3045 PSI - MSHA IC-242/2

# INTERPUMP HyGreen R13

## TFDR013



### APPLICATIONS:



### TYPE APPROVAL:

DNV - GL.

### APPLICABLE SPECS.:

EXCEED EN 856 SAE 100R13 - ISO 3862 R13

Isobaric line 5000 psi. Impulse tested up to 1.000.000 impulse cycles. Biological oil compatibility.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 high tensile steel wire spiral up to size 1", 6 spiral from size 1,1/4.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, compressed air.

**Operating temperature:** from -40 to + 121°C (Intermittent 125°C), from -40 to +70°C for water based fluids and compressed air, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFDR013-12	3/4"	19.0	12	32.1	350	5075	1920	27840	120	4.725	1.641	1.103	004N-12/X Series
TFDR013-16	1 "	25.4	16	38.7	350	5075	1660	24070	150	5.905	2.106	1.415	0013-16/X Series
TFDR013-20	1.1/4"	31.8	20	49.7	350	5075	1520	22040	210	8.248	3.891	2.615	0013-20/X Series
TFDR013-24	1.1/2"	38.1	24	57.8	350	5075	1600	23200	500	20.000	5.210	3.501	0013-24/X Series
TFDR013-32	2 "	50.8	32	71.5	350	5075	1500	21750	635	25.000	6.840	4.596	0013-32/X Series

MARKING: Available also embossed brand version. In case of order use TFDR013N.

**ih INTERPUMP** **HyGreen R13** ISO 3862/SAE 100R13 - DN 25 I.D. 1" - W.P. 350 bar/5075 psi - MSHA IC

# INTERPUMP HyGreen R15

## TFDR015

**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL.

**APPLICABLE SPECS.:**

EXCEED SAE 100R15 - ISO 3862



Biological oils compatibility. Exceed EN standard. Impulse tested up to 1.000.000 impulse cycles.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4-6 high tensile steel wire spiral up to size 1", 6 spiral from size 1.1/4".

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions, MSHA.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants, compressed air.

**Operating temperature:** from -40 to +121°C (125°C intermittent), from -40 to +70°C for water based fluids and compressed air, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule/One Piece
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFDR015-10	5/8"	16.0	10	26.8	420	6090	1750	25375	150	5.901	0.705	0.474	0013-10/X Series
TFDR015-12	3/4"	19.0	12	32.0	420	6090	1750	25375	210	8.268	1.573	1.057	004N-12/X Series
TFDR015-16	1 "	25.4	16	38.7	420	6090	1700	24650	240	9.448	2.116	1.422	0013-16/X Series
TFDR015-20	1.1/4"	31.8	20	49.7	420	6090	1680	24360	265	10.433	3.891	2.615	0013-20/X Series
TFDR015-24	1.1/2"	38.1	24	57.8	420	6090	1680	24360	310	12.205	5.182	3.482	0013-24/X Series
TFDR015-32	2 "	50.8	32	72.0	420	6090	1680	24360	590	23.228	6.892	4.631	0013-32/X Series

MARKING: Available also embossed brand version. In case of order use code TFDR015N.

**ih INTERPUMP** **HyGreen R15** EXCEEDS ISO 3862/SAE 100R15 - DN 25 I.D. 1" - W.P. 420 bar/6090 psi - MSHA





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# Hypress 1SN

## TFD0011



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 853 1SN - SAE 100R1AT - ISO 1436

NO-SKIVE hose. Exceed Burst specification. Impulse tested up to double requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFD0011-03	3/16"	4.8	3	11.8	250	3625	1000	14500	90	3.543	0.184	0.124	001C-03
TFD0011-04	1/4"	6.4	4	13.4	225	3263	900	13050	100	3.937	0.231	0.155	001C-04
TFD0011-05	5/16"	8.0	5	15.0	215	3118	850	12325	115	4.528	0.254	0.171	001C-05
TFD0011-06	3/8"	9.5	6	17.4	180	2610	720	10440	130	5.118	0.338	0.227	001C-06
TFD0011-08	1/2"	12.7	8	20.6	160	2320	640	9280	180	7.087	0.415	0.279	001C-08
TFD0011-10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0.477	0.321	001C-10
TFD0011-12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0.618	0.415	001C-12
TFD0011-16	1 "	25.4	16	35.6	88	1276	350	5075	300	11.811	0.901	0.605	001C-16
TFD0011-20	1.1/4"	31.8	20	43.5	63	915	250	3625	420	16.535	1.270	0.853	001C-20
TFD0011-24	1.1/2"	38.1	24	50.8	50	725	200	2900	500	19.685	1.596	1.073	001C-24
TFD0011-32	2 "	50.8	32	63.6	40	580	160	2320	630	24.803	2.200	1.478	001C-32



Available with steel plated braided sleeve version ( in case of order use code TFC0011) or stainless steel braided sleeve version ( in case of order use code TFI0011)

MARKING: Available also embossed brand version. In case of order use code TFD0011N.

**ih INTERPUMP** **Hypress 1SN** EN 853 - DN 6 I.D. 1/4" - W.P. 225 bar/3263 psi

# Hypress 2SN TFD0021

**APPLICATIONS:**



**TYPE APPROVAL:**

LLOYD'S.

**APPLICABLE SPECS.:**

EN 853 2SN - SAE 100R2AT - ISO 1436



NO-SKIVE hose. Exceed Burst specification. Impulse tested up to double requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFD0021-03	3/16"		4.8	3	13.5	415	6018	1650	23925	90	3.543	
TFD0021-04	1/4"	6.4	4	15.0	400	5800	1600	23200	100	3.937	0.360	0.242	0022-04
TFD0021-05	5/16"	8.0	5	16.6	350	5075	1400	20300	115	4.528	0.416	0.280	0022-05
TFD0021-06	3/8"	9.5	6	19.0	330	4800	1320	19140	130	5.118	0.525	0.353	0022-06
TFD0021-08	1/2"	12.7	8	22.2	275	3988	1100	15950	180	7.087	0.620	0.417	0022-08
TFD0021-10	5/8"	16.0	10	25.4	250	3600	1000	14500	200	7.874	0.752	0.505	0022-10
TFD0021-12	3/4"	19.0	12	29.3	215	3118	850	12325	240	9.449	0.923	0.620	0022-12
TFD0021-16	1 "	25.4	16	38.1	165	2393	650	9425	300	11.811	1.377	0.925	0022-16
TFD0021-20	1.1/4"	31.8	20	48.3	125	1813	500	7250	420	16.535	2.035	1.368	0022-20
TFD0021-24	1.1/2"	38.1	24	54.6	90	1305	360	5220	500	19.685	2.300	1.546	0022-24
TFD0021-32	2 "	50.8	32	66.9	80	1160	320	4640	630	24.803	3.160	2.124	0022-32



Available with steel plated braided sleeve version ( in case of order use code TFC0021 ) or stainless steel braided sleeve version ( in case of order use code TFI0021)

MARKING: Available also embossed brand version. In case of order use TFD0021N.

**ih INTERPUMP** **Hypress 2SN** EN 853 - DN 6 I.D. 1/4" - W.P. 400 bar/5800 psi

# INTERPUMP Hypress 1SC

## TFE001K



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 1SC - ISO 11237 1SC

NO-SKIVE hose. Exceed Burst specification. Impulse tested up to double requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFE001K-04	1/4"	6.4	4	12.3	225	3263	900	13050	50	1.969	0.182	0.122	001C-04
TFE001K-05	5/16"	8.0	5	13.5	215	3118	850	12325	55	2.165	0.203	0.136	001C-05
TFE001K-06	3/8"	9.5	6	15.7	180	2610	720	10440	60	2.362	0.248	0.167	001C-06
TFE001K-08	1/2"	12.7	8	18.9	160	2320	640	9280	70	2.756	0.341	0.229	001C-08
TFE001K-10	5/8"	16.0	10	22.4	130	1885	520	7540	90	3.543	0.421	0.283	001C-10
TFE001K-12	3/4"	19.0	12	25.9	105	1523	420	6090	100	3.937	0.492	0.330	001C-12
TFE001K-16	1"	25.4	16	33.7	88	1276	352	5104	180	7.087	0.742	0.499	001C-16

MARKING: Available also embossed brand version. In case of order use code TFE001KN.

**ih INTERPUMP** **Hypress 1SC** EN 857 - DN 12 I.D. 1/2" - W.P. 160 BAR/2320 PSI

# INTERPUMP Hypress 2SC TFE002K

**APPLICATIONS:**



**TYPE APPROVAL:** LLOYD'S.

**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - SAE 100 R16 - ISO 11237 2SC

Compact hose with low bend radius (R16). NO-SKIVE solution. Exceed standard Burst requirements. Impulse tested up to double requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFE002K-04	1/4"			6.4	4	13.3	400	5800	1600	23200	50	
TFE002K-05	5/16"	8.0	5	14.8	350	5075	1400	20300	55	2.165	0.327	0.220	001C-05
TFE002K-06	3/8"	9.5	6	17.1	330	4785	1320	19140	65	2.559	0.418	0.281	001C-06
TFE002K-08	1/2"	12.7	8	20.4	275	3988	1100	15950	90	3.543	0.525	0.353	001C-08
TFE002K-10	5/8"	16.0	10	23.5	250	3625	1000	14500	100	3.937	0.627	0.421	001C-10
TFE002K-12	3/4"	19.0	12	27.6	215	3118	860	12470	120	4.724	0.782	0.526	001C-12
TFE002K-16	1 "	25.4	16	35.8	165	2393	660	9570	150	5.906	1.176	0.790	001C-16

MARKING: Available also embossed brand version. In case of order use TFE002KN.

**ih INTERPUMP** **Hypress 2SC** EN 857 - DN 12 I.D. 1/2" - W.P. 275 BAR/3988 PSI

# Hypress EASY K 1SC

## TFA201K



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 857 1SC - ISO 11237

Compact hose according to EN 857 ISO 11237. NO-SKIVE solution. Smooth cover.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C, from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFA201K-04	1/4"	6.4	4	12.3	225	32625	900	23200	75	2.953	0.182	0.122	001C-04
TFA201K-05	5/16"	8.0	5	13.5	215	31175	860	20300	85	3.346	0.203	0.136	001C-05
TFA201K-06	3/8"	9.5	6	15.7	180	2610	720	19140	90	3.543	0.248	0.167	001C-06
TFA201K-08	1/2"	12.7	8	18.9	160	2320	640	15950	130	5.118	0.341	0.229	001C-08
TFA201K-10	5/8"	16.0	10	22.4	130	1885	520	14500	150	5.906	0.421	0.283	001C-10
TFA201K-12	3/4"	19.0	12	25.9	105	15225	420	12470	180	7.087	0.491	0.330	001C-12
TFA201K-16	1 "	25.4	16	33.7	88	1276	352	9570	230	9.055	0.740	0.499	001C-16

MARKING: Mylar version





# Hypress EASY K 2SC TFA202K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 857 2SC - ISO 11237

Compact hose according to EN 857 - ISO 11237. No skive solution. Smooth cover.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C, from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFA202K-04	1/4"	6.4	4	13.3	400	5800	1600	23200	75	2.953	0.281	0.189
TFA202K-05	5/16"	8.0	5	14.8	350	5075	1400	20300	85	3.346	0.327	0.220	001C-05
TFA202K-06	3/8"	9.5	6	17.1	330	4785	1320	19140	90	3.543	0.418	0.281	001C-06
TFA202K-08	1/2"	12.7	8	20.0	275	3988	1100	15950	130	5.118	0.525	0.353	001C-08
TFA202K-10	5/8"	16.0	10	23.2	250	3625	1000	14500	170	6.693	0.627	0.421	001C-10
TFA202K-12	3/4"	19.0	12	27.6	215	3118	860	12470	200	7.874	0.782	0.526	001C-12
TFA202K-16	1"	25.4	16	35.8	165	2393	660	9570	250	9.843	1.176	0.790	001C-16

MARKING: Mylar version



# Hypress 4SP

## TFD04SP



### APPLICATIONS:



### APPLICABLE SPECS.:

EN 856 4SP - ISO 3862 4SP

4 high tensile spiral high flexibility. High ozone and abrasion resistance.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFD04SP-04	1/4"	6.4	4	17.8	450	6525	1800	26100	150	5.906	0.592	0.398	0009-04
TFD04SP-06	3/8"	9.5	6	21.2	445	6453	1780	25810	180	7.087	0.790	0.531	0009-06
TFD04SP-08	1/2"	12.7	8	24.3	415	6018	1660	24070	230	9.055	0.940	0.632	0009-08
TFD04SP-10	5/8"	16.0	10	28.0	350	5075	1400	20300	250	9.843	1.125	0.756	0009-10
***TFD04SP-12	3/4"	19.0	12	32.0	350	5075	1400	20300	300	11.811	1.497	1.006	0009-12 (*)
***TFD04SP-16	1 "	25.4	16	39.5	280	4060	1120	16240	340	13.386	2.150	1.445	0009-16 (*)
***TFD04SP-20	1.1/4"	31.8	20	50.8	210	3045	840	12180	460	18.110	3.157	2.122	0009-20 (*)
***TFD04SP-24	1.1/2"	38.1	24	57.2	185	2683	740	10730	560	22.047	3.713	2.495	0009-24
***TFD04SP-32	2 "	50.8	32	69.8	165	2393	660	9570	660	25.984	4.870	3.273	0009-32

(\*) Available no skive solutions with ferrule BMC2-12, BMC1-16, BMC2-20



Available with steel plated braided sleeve version ( in case of order use code TFCM4SP) or stainless steel braided sleeve version ( in case of order use code TFIM-4SP)



Biological oils compatibility

MARKING: Available also embossed brand version. In case of order use TFD04SPN.

**ih INTERPUMP** **Hypress 4SP** ISO 3862/EN 856 - DN 10 I.D. 3/8" - W.P. 445 BAR/6453

# INTERPUMP Hypress 4SP TFDM4SP

**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL, BV, MSHA.

**APPLICABLE SPECS.:**

EN 856 4SP - ISO 3862 4SP



4 high tensile spiral high flexibility. MSHA cover. Exceeding burst requirements.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C petroleum based fluids (Intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDM4SP-04	1/4"	6.4	4	17.8	450	6525	1800	26100	150	5.906	0.592	0.398
TFDM4SP-06	3/8"	9.5	6	21.2	445	6453	1780	25810	180	7.087	0.790	0.531	0009-06
TFDM4SP-08	1/2"	12.7	8	24.3	415	6018	1660	24070	230	9.055	0.940	0.632	0009-08
TFDM4SP-10	5/8"	16.0	10	28.0	350	5075	1400	20300	250	9.843	1.125	0.756	0009-10
TFDM4SP-12	3/4"	19.0	12	32.0	350	5075	1400	20300	300	11.811	1.497	1.006	0009-12 (*)
TFDM4SP-16	1 "	25.4	16	39.5	280	4060	1120	16240	340	13.386	2.150	1.445	0009-16 (*)
TFDM4SP-20	1.1/4"	31.8	20	50.8	210	3045	840	12180	460	18.110	3.157	2.122	0009-20 (*)
TFDM4SP-24	1.1/2"	38.1	24	57.2	185	2683	740	10730	560	22.047	3.713	2.495	0009-24
TFDM4SP-32	2 "	50.8	32	69.8	165	2393	660	9570	660	25.984	4.870	3.273	0009-32

(\*) Available no skive solutions with ferrule BMC2-12, BMC1-16, BMC2-20



Available with steel plated braided sleeve version ( in case of order use code TFCM4SP) or stainless steel braided sleeve version ( in case of order use code TFIM-4SP)

MARKING: Available also embossed brand version. In case of order use code TFDM4SPN.

**INTERPUMP Hypress 4SP ISO 3862/EN 856 - DN 10 I.D. 3/8" - W.P. 445 BAR/6453 PSI - MSHA IC-242/2**

# INTERPUMP Hypress 4SH

## TFDM4SH



**APPLICATIONS:**



**TYPE APPROVAL:**

MED, DNV - GL, BV, MSHA.

**APPLICABLE SPECS.:**

EXCEED EN 856 4SH - ISO 3862 4SH

Exceeds EN standard. Impulse tested up to 1.000.000 impulse cycles. MSHA cover.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100° C petroleum based fluids (Intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDM4SH-12	3/4"	19.0	12	32.0	420	6090	1780	25810	210	8.268	1.572	
TFDM4SH-16	1 "	25.4	16	38.4	385	5583	1750	25375	220	8.661	2.104	1.414	004N-16
TFDM4SH-20	1.1/4"	31.8	20	45.8	350	5075	1400	20300	400	15.748	2.550	1.714	004N-20
TFDM4SH-24	1.1/2"	38.1	24	53.5	300	4350	1250	18125	560	22.047	3.225	2.167	004N-24
TFDM4SH-32	2 "	50.8	32	68.0	250	3625	1000	14500	700	27.559	4.600	3.091	004N-32



Available with steel plated braided sleeve version ( in case of order use code TFCM4SH) or stainless steel braided sleeve version ( in case of order use code TFIM-4SH)

MARKING: Available also embossed brand version. In case of order use TFDM4SHN.

**INTERPUMP Hypress 4SH EXCEEDS ISO 3862/EN 856 - DN 19 I.D. 3/4" - W.P. 420 BAR/6090 PSI - MSHA IC 242/2**

# INTERPUMP Hypress 4SH TFD04SH

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 856 4SH - ISO 3862 4SH

Biological oils compatibility. Exceed EN standard. Impulse tested up to 1.000.000 impulse cycles. High ozone and abrasion resistance.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFD04SH-12	3/4"	19.0	12	32.0	420	6090	1780	25810	210	8.268	1.572	1.056
TFD04SH-16	1 "	25.4	16	38.4	385	5583	1750	25375	220	8.661	2.104	1.414	004N-16
TFD04SH-20	1.1/4"	31.8	20	45.8	350	5075	1400	20300	400	15.748	2.550	1.714	004N-20
TFD04SH-24	1.1/2"	38.1	24	53.5	300	4350	1250	18125	560	22.047	3.225	2.167	004N-24
TFD04SH-32	2 "	50.8	32	68.0	250	3625	1000	14500	700	27.559	4.600	3.091	004N-32

MARKING: Available also embossed brand version. In case of order use TFD04SH.

**INTERPUMP Hypress 4SH EXCEEDS ISO 3862/EN 856 - DN 25 I.D. 1" - W.P. 385 BAR/5583 PSI**

# INTERPUMP Hypress R12

## TFSM012



**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

EN 856 R12 - SAE 100R12 - ISO 3862 R12

High flexibility. Burst pressure exceeding standards. MSHA cover.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA Cover.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 121° C (Intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFSM012-06	3/8"	9.5	6	20.2	280	4060	1580	22910	95	3.740	0.717	0.482
TFSM012-08	1/2"	12.7	8	23.8	280	4060	1400	20300	110	4.331	0.881	0.592	0009-08
TFSM012-10	5/8"	16.0	10	27.4	280	4060	1300	18850	130	5.118	1.049	0.705	0009-10
TFSM012-12	3/4"	19.0	12	30.6	280	4060	1300	18850	145	5.709	1.222	0.821	0009-12 (*)
TFSM012-16	1 "	25.4	16	37.9	280	4060	1200	17400	210	8.268	1.795	1.207	0009-16 (*)
TFSM012-20	1.1/4"	31.8	20	47.5	210	3045	1000	14500	240	9.449	2.780	1.868	0009-20
TFSM012-24	1.1/2"	38.1	24	53.8	176	2552	1000	14500	480	18.898	3.230	2.171	00090009-24
TFSM012-32	2 "	50.8	32	67.0	176	2552	850	12325	600	23.622	4.290	2.883	004H-32

(\*) Available no skive solutions with ferrule BMC1-12, BMC1-16 / Disponibile soluzione no-skive con boccole BMC1-12, BMC1-16

MARKING: Available also embossed brand version. In case of order use TFSM012N.

**INTERPUMP Hypress R12 ISO 3862/EN 856 - DN 16 I.D. 5/8" - W.P. 280 BAR/4060 PSI - MSHA IC-242/2**

# EN854 SAE 100R3 TFS0003

## APPLICATIONS:



## APPLICABLE SPECS.:

SAE 100R3 - ISO 4079

Braided hose textile.

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** 2 textile braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C petroleum based fluids, from -40 to +70°C for water based fluids.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS0003-03	3/16"	4.8	3	12.7	103	1494	412	5974	76	2.992	0.129	0.087
TFS0003-04	1/4"	6.4	4	14.3	86	1247	344	4988	80	3.150	0.160	0.108	0003-04
TFS0003-05	5/16"	8.0	5	17.5	83	1204	332	4814	102	4.016	0.250	0.168	0003-05
TFS0003-06	3/8"	9.5	6	19.1	78	1131	312	4524	102	4.016	0.280	0.188	0003-06
TFS0003-08	1/2"	12.7	8	23.8	69	1001	276	4002	127	5.000	0.410	0.276	0003-08
TFS0003-10	5/8"	16.0	10	27.0	60	870	240	3480	140	5.512	0.470	0.316	0003-10
TFS0003-12	3/4"	19.0	12	31.8	52	754	208	3016	152	5.984	0.650	0.437	0003-12
TFS0003-16	1"	25.4	16	38.1	39	566	156	2262	203	7.992	0.830	0.558	0003-16
TFS0003-20	1.1/4"	31.8	20	44.5	26	377	104	1508	254	10.000	1.000	0.672	0003-20

# Hypress 2TE

## TFD02TE



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 854 2TE

Braided hose textile.

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** 2 textile braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100°C petroleum based fluids, from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFD02TE-03	3/16"	4.8	3	11.8	80	1160	320	4640	35	1.378	0.200	0.134
TFD02TE-04	1/4"	6.4	4	13.4	75	1088	300	4350	40	1.575	0.150	0.101	0007-04
TFD02TE-05	5/16"	8.0	5	14.9	68	986	272	3944	50	1.969	0.170	0.114	0007-05
TFD02TE-06	3/8"	9.5	6	16.5	63	914	252	3654	60	2.362	0.185	0.124	0007-06
TFD02TE-08	1/2"	12.7	8	19.7	58	841	232	3364	70	2.756	0.240	0.161	0007-08
TFD02TE-10	5/8"	16.0	10	23.9	50	725	200	2900	90	3.543	0.320	0.215	0007-10
TFD02TE-12	3/4"	19.0	12	27.0	45	653	180	2610	110	4.331	0.380	0.255	0007-12
TFD02TE-16	1 "	25.4	16	34.4	40	580	160	2320	150	5.906	0.550	0.370	0007-16
TFD02TE-20	1.1/4"	31.8	20	41.4	35	508	180	1988	170	6.692	0.750	0.503	(*)

\* - Ask to our Technical Dept.



# EN 854 3TE TFD03TE

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 854 3TE

Braided hose textile.

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** Textile braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricant.

**Operating temperature:** from -40 to +100° C petroleum based fluids, from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFD03TE-03	3/16"	4.8	3	12.8	160	2320	640	9280	40	1.575	0.200	0.134
TFD03TE-04	1/4"	6.4	4	14.4	145	2103	580	8410	45	1.772	0.180	0.121	0003-04
TFD03TE-05	5/16"	8.0	5	16.9	130	1885	520	7540	55	2.165	0.240	0.161	0003-05
TFD03TE-06	3/8"	9.5	6	18.5	110	1595	440	6380	70	2.756	0.260	0.175	0003-06
TFD03TE-08	1/2"	12.7	8	21.7	93	1349	372	5394	85	3.346	0.330	0.222	0003-08
TFD03TE-10	5/8"	16.0	10	25.9	80	1160	320	4640	105	4.134	0.440	0.296	0003-10
TFD03TE-12	3/4"	19.0	12	29.0	70	1015	280	4060	130	5.118	0.490	0.329	0003-12
TFD03TE-16	1 "	25.4	16	35.9	55	798	220	3190	150	5.906	0.670	0.450	0003-16
TFD03TE-20	1.1/4"	31.8	20	42.3	45	653	180	2610	190	7.480	0.830	0.558	0003-20
TFD03TE-24	1.1/2"	38.1	24	49.6	40	580	160	2320	240	9.449	1.050	0.706	0003-24
TFD03TE-32	2 "	50.8	32	62.3	33	479	132	1914	300	11.811	0.200	0.134	*

\* - Ask to our Technical Dept.

# Hypress UniLock

## TFS0006



**APPLICATIONS:**



**APPLICABLE SPECS.:**

SAE 100R6 - EN 854 1TE

Unilock fittings series, easy assembly, no tools or clamps required. Safety factor 4:1. Do not use for compressed air braking systems and circuits subject to high pressure impulses.

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** 1 textile braid.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100°C petroleum based fluids, from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD Max mm	Max WP		Max WP Unilock		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS0006-03	3/16"			4.8	3	11.9	34	490	-	-	50	
TFS0006-04	1/4"	6.4	4	13.5	28	400	18	261	65	2.559	0.100	0.067	0007-04
TFS0006-05	5/16"	8.0	5	15.1	28	400	* - on request		75	2.953	0.125	0.084	0007-05
TFS0006-06	3/8"	9.5	6	16.7	28	400	18	261	75	2.953	0.150	0.101	0007-06
TFS0006-08	1/2"	12.7	8	20.6	28	400	15	218	100	3.937	0.200	0.134	0007-08
TFS0006-10	5/8"	16.0	10	23.8	24	350	-	-	125	4.921	0.250	0.168	0007-10
TFS0006-12	3/4"	19.0	12	27.8	21	300	15	218	150	5.906	0.300	0.202	0007-12
TFS0006-16	1 "	25.4	16	33.4	12	174	12	174	135	5.315	0.450	0.302	0007-16

# INTERPUMP Hy-VACUUM - SAE 100R4 TFS0004

**APPLICATIONS:**



**APPLICABLE SPECS.:**

SAE 100R4

Vacuum resistant according to SAE 100 R4.

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** 2 textile braids + 1 spiral braid.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100° C petroleum based fluids, from -40 to +70° C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0004-10	5/8"	16.0	10	27.0	21	305	84	1220	112	4.400	0.570	0.380	*
TFS0004-12	3/4"	19.0	12	29.5	21	305	84	1220	120	4.700	0.590	0.400	*
TFS0004-16	1 "	25.0	16	35.5	17	247	68	988	145	5.700	0.740	0.490	*
TFS0004-19	1.3/16"	30.0	19	40.5	17	247	68	988	180	7.100	0.790	0.530	*
TFS0004-20	1.1/4"	32.0	20	42.5	14	203	56	812	195	7.700	0.900	0.600	*
TFS0004-22	1.3/8"	35.0	22	46.0	12	174	48	696	210	9.449	1.010	0.679	*
TFS0004-24	1.1/2"	38.0	24	49.0	10	145	40	580	228	9.000	1.110	0.740	*
TFS0004-25	1.9/16"	40.0	25	51.0	10	145	40	580	240	9.500	1.160	0.780	*
TFS0004-28	1.3/4"	45.0	28	56.0	7	102	28	408	270	10.600	1.270	0.850	*
TFS0004-32	2 "	51.0	32	62.0	7	102	28	408	300	11.800	1.430	0.960	*
TFS0004-38	2.3/8"	60.0	38	72.5	4	58	16	232	335	13.200	2.120	1.430	*
TFS0004-40	2.1/2"	63.5	40	76.0	4	58	16	232	355	14.000	2.180	1.460	*
TFS0004-44	2.3/4"	70.0	44	82.0	4	58	16	232	430	16.929	2.280	1.532	*
TFS0004-48	3 "	76.0	48	88.0	4	58	16	232	455	17.900	2.600	1.750	*
TFS0004-50	3.1/8"	80.0	50	92.0	4	58	16	232	480	19.291	2.620	1.761	*
TFS0004-56	3.1/2"	88.9	56	103.0	3	435	125	181	530	20.866	3.370	2.260	*
TFS0004-64	4 "	102.0	64	115.0	25	30	10	145	610	24.000	3.840	2.580	*

\* - Ask to our Technical Dept.



Available with steel plated braided sleeve version ( in case of order use code TFC0004) or stainless steel braided sleeve version ( in case of order use code TFI0004)

MARKING: Available only "mylar"

# SAE 100R5

## TFS0005



**APPLICATIONS:**



**APPLICABLE SPECS.:**

SAE 100R5

Abrasion resistant textile braid cover. NO-SKIVE solution available.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Textile braided cover.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100° C petroleum based fluids (Intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0005-04	3/16"	4.8	13.2	210	3045	840	12180	75	2.953	0.190	0.128	0003-03
TFS0005-05	1/4"	6.4	14.8	210	3045	840	12180	85	3.346	0.224	0.151	0003-04
TFS0005-06	5/16"	7.9	17.2	157	2277	628	9106	100	3.937	0.283	0.190	0003-05
TFS0005-08	13/32"	10.3	19.5	140	2030	560	8120	115	4.528	0.350	0.235	0003-06
TFS0005-10	1/2"	12.7	23.4	122	1769	488	7076	140	5.512	0.473	0.318	0003-08
TFS0005-12	5/8"	15.9	27.4	105	1523	420	6090	165	6.496	0.617	0.415	0003-10
TFS0005-16	7/8"	22.2	31.4	56	812	224	3248	185	7.283	0.570	0.383	0003-12
TFS0005-20	1.1/8"	28.6	38.1	43	624	172	2494	230	9.055	0.795	0.534	*
TFS0005-24	1.3/8"	34.9	44.5	35	508	140	2030	265	10.433	1.020	0.685	*
TFS0005-32	1.13/16"	46.0	56.4	24	348	96	1392	335	13.189	1.420	0.954	*

\* - Ask to our Technical Dept.

\*\* - SAE Dash Size is the same as the OD of tubing having approximately the same ID as the hose, expressed in 1/16's of an inch.

MARKING: White ink branded (customization not possible).

# INTERPUMP Hypress R17 TFS0017

**APPLICATIONS:**



**APPLICABLE SPECS.:**

SAE 100R17 - SAE J 517 - ISO 11237 R17

Isobaric pressure rating 210 bar/3000 psi. No skive compact hose.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** High tensile steel. 1 braid up to size 1/2", 2 braids from size 5/8" onwards.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number													Ferrule
	ID		Size	OD	Max WP		Min BP		Min BR		Weight		
	in	mm			mm	bar	psi	bar	psi	mm	inch	kg/m	
TFS0017-03	3/16"	4.8	3	10.5	210	3045	840	12180	40	0.787	0.150	0.101	001C-03
TFS0017-04	1/4"	6.4	4	12.3	210	3045	840	12180	50	1.969	0.185	0.124	001C-04
TFS0017-05	5/16"	7.9	5	13.5	210	3045	840	12180	55	2.165	0.196	0.132	001C-05
TFS0017-06	3/8"	9.5	6	15.7	210	3045	840	12180	65	2.559	0.256	0.172	001C-06
TFS0017-08	1/2"	12.7	8	19.4	210	3045	840	12180	90	3.543	0.378	0.254	001C-08
TFS0017-10	5/8"	16.0	10	23.5	210	3045	840	12180	100	3.937	0.624	0.419	001C-10
TFS0017-12	3/4"	19.0	12	27.6	210	3045	840	12180	120	4.724	0.764	0.513	001C-12
TFS0017-16	1"	25.4	16	36.2	210	3045	840	12180	150	5.906	1.233	0.829	001C-16

MARKING: Available also embossed brand version. In case of order use code TFS0017N.

**ih INTERPUMP** **Hypress R17** SAE 100R17 - DN 6 I.D. 1/4" - W.P. 210 BAR/3045 PSI

# INTERPUMP Hypress R13

## TFSM013



### APPLICATIONS:



### TYPE APPROVAL:

MSHA.

### APPLICABLE SPECS.:

EXCEED EN 856 SAE 100R13 - ISO 3862 R13

Size 12 up to 32. Isobaric line 5000 psi. Impulse tested up to 1.000.000 impulse cycles. Size 04 up to 08. High pressure line for static applications.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 high tensile steel wire spiral up to size 1", 6 spiral from size 1,1/4.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 121°C (Intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFSM013-04	1/4"	6.4	4	17.3	690	10005	2760	40020	130	5.118	0.580	
TFSM013-06	3/8"	9.5	6	21.0	690	10005	2760	40020	150	5.906	0.880	0.591	0054-06
TFSM013-08	1/2"	12.7	8	24.0	690	10005	2760	40020	200	7.874	1.150	0.772	0054-08
TFSM013-12	3/4"	19.0	12	32.1	350	5075	1920	27840	240	9.449	1.641	1.103	004N-12
TFSM013-16	1 "	25.4	16	38.7	350	5075	1660	24070	300	11.811	2.106	1.415	0013-16
TFSM013-20	1.1/4"	31.8	20	49.7	350	5075	1520	22040	420	16.496	3.891	2.615	0013-20
TFSM013-24	1.1/2"	38.1	24	57.8	350	5075	1600	23200	500	20.000	5.210	3.501	0013-24
TFSM013-32	2 "	50.8	32	71.5	350	5075	1500	21750	635	25.000	6.840	4.596	0013-32

MARKING: Available also embossed brand version. In case of order use TFSM013N.

INTERPUMP Hypress R13 ISO 3862/SAE 100R13 - DN 19 I.D. 3/4" - W.P. 350 BAR/5075 PSI - MSHA-IC 242/2

# INTERPUMP Hypress R15 TFSM015

**APPLICATIONS:**



**TYPE APPROVAL:**

BV, MSHA.

**APPLICABLE SPECS.:**

EXCEEDS SAE100 R15 - ISO 3862 R15



Isobaric line 420 bar/6000 psi - up to 2" (exceeding standard) - Severe applications where a high abrasion resistance is required.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 high tensile steel wire spiral up to size 1", 6 spiral from size 1,1/4.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +121° C (Intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFSM015-12	3/4"			19.0	12	32.0	420	6090	1750	25375	210	
TFSM015-16	1 "	25.4	16	38.7	420	6090	1700	24650	240	10.433	2.116	1.422	*
TFSM015-20	1.1/4"	31.8	20	49.7	420	6090	1680	24360	265	10.433	3.891	2.615	0013-20
TFSM015-24	1.1/2"	38.1	24	57.8	420	6090	1680	24360	310	12.205	5.182	3.482	0013-24
TFSM015-32	2 "	50.8	32	72.0	420	6090	1680	24360	590	23.228	6.892	4.631	0013-32

\* - Ask to our Technical Dept.

Available on request with antiabrasion cover (in case of order use code TFSP015N)

MARKING: Available also "embossed"

**INTERPUMP Hypress R15 ISO 3862/SAE 100R15 - DN 31 I.D. 1.1/4" - W.P. 420 BAR/6090 PSI - MSHA-IC 242/2**





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# INTERPUMP COMPRESSOR

## TFDC011B

### APPLICATIONS:



### APPLICABLE SPECS.:

IMM - EXCEED EN 853 1SN

Pinpricked hose for compressor. Do not use with bio-oil.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral oils, glycols and polyglycols, transmission fluids, air, air with oil vapours, mineral oils in aqueous emulsion (up to +212°F/ + 100°C).

**Operating temperature:** from -40 to +120°C (intermittent 135°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDC011B04	1/4"	6.4	4	13.4	225	3263	900	13050	100	3.937	0.24	0.161
TFDC011B05	5/16"	8.0	5	15.0	215	3118	850	12325	115	4.528	0.278	0.187	0001-05
TFDC011B06	3/8"	9.5	6	17.4	180	2610	720	10440	130	5.118	0.367	0.247	0001-06
TFDC011B08	1/2"	12.7	8	20.6	160	2320	640	9280	180	7.087	0.437	0.294	0001-08
TFDC011B10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0.524	0.352	0001-10
TFDC011B12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0.653	0.439	0001-12
TFDC011B16	1 "	25.4	16	35.6	88	1276	350	5075	300	11.811	1.001	0.673	0001-16
TFDC011B20	1.1/4"	31.8	20	43.5	63	914	250	3625	420	16.535	1.435	0.964	0001-20
TFDC011B24	1.1/2"	38.1	24	54.6	50	725	200	2900	500	19.685	1.711	1.150	0001-24
TFDC011B32	2 "	50.8	32	66.9	40	580	160	2320	630	24.803	2.357	1.584	0001-32

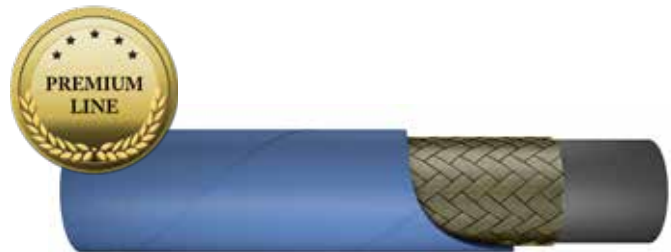
Compressed air applications require additional safety devices. Hoses are not designed and not approved for "air brake" applications.

MARKING: Available only "embossed"

# INTERPUMP HYCELSIUS 1SN

## TFDH011B

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 853 1SN SAE 100R1AT

Wide range temperature resistance. Hoses are not designed and not approved for "air brake" applications on railway and/or mobile equipment. Do not use with compressor.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +135°C (intermittent 140°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDH011B04	1/4"	6.4	4	13.4	225	3263	900	13050	100	3.937	0,225	0.151
TFDH011B05	5/16"	8.0	5	15.0	215	3118	860	12325	115	4.528	0,252	0.169	0001-05
TFDH011B06	3/8"	9.5	6	17.4	180	2610	720	10440	130	5.118	0,337	0.226	0001-06
TFDH011B08	1/2"	12.7	8	20.6	160	2320	640	9280	180	7.087	0,404	0.271	0001-08
TFDH011B10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0,476	0.320	0001-10
TFDH011B12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0,601	0.404	0001-12
TFDH011B16	1 "	25.4	16	35.6	88	1276	352	5075	300	11.811	0,903	0.607	0001-16
TFDH011B20	1.1/4"	31.8	20	43.5	63	914	252	3625	420	16.535	1,272	0.855	0001-20
TFDH011B24	1.1/2"	38.1	24	50.8	50	725	200	2900	500	19.685	1,596	1.073	0001-24
TFDH011B32	2 "	50.8	32	63.6	40	580	160	2320	630	24.803	2,222	1.493	0001-32
TFDH011B40	2.1/2"	63.5	40	77.4	30	435	120	1741	760	29.921	2,755	1.851	0001-40

Available also with black cover. In case of order use TFDH011N.

MARKING: Available only "embossed"

# INTERPUMP HYCELSIUS 2SN

## TFDH021B



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 853 2SN - SAE 100R2AT

Wide range temperature resistance. Hoses are not designed and not approved for "air brake" applications on railway and/or mobile equipment. Do not use with compressor.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +135°C (intermittent 140°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDH021B04	1/4"	6.4	4	15.0	400	5800	1600	23200	100	3.937	0,357	0.240
TFDH021B05	5/16"	8.0	5	16.6	350	5075	1400	20300	115	4.528	0,413	0.278	0002-05
TFDH021B06	3/8"	9.5	6	19.0	330	4785	1320	19140	130	5.118	0,521	0.350	0002-06
TFDH021B08	1/2"	12.7	8	22.2	275	3988	1100	15950	180	7.087	0,616	0.414	0002-08
TFDH021B10	5/8"	16.0	10	25.4	250	3625	1000	14500	200	7.874	0,749	0.503	0002-10
TFDH021B12	3/4"	19.0	12	29.3	215	3118	850	12325	240	9.449	0,920	0.618	0002-12
TFDH021B16	1 "	25.4	16	38.1	165	2393	650	9425	300	11.811	1,375	0.924	0002-16

Available also with black cover. In case of order use TFDH021N.

MARKING: Available only "embossed"

# INTERPUMP HYFREEZE 1SN

## TFDL011N

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EN 853 1SN - SAE 100R1AT

Suitable for very cold environments.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C, min. external temperature -50°C.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDL011N04	1/4"	6.4	4	13.4	225	3263	900	13050	100	3.937	0.231	0.155
TFDL011N05	5/16"	8.0	5	15.0	215	3118	850	12325	115	4.528	0.254	0.171	0001-05
TFDL011N06	3/8"	9.5	6	17.4	180	2610	720	10440	130	5.118	0.338	0.227	0001-06
TFDL011N08	1/2"	12.7	8	20.6	160	2320	640	9280	180	7.087	0.415	0.279	0001-08
TFDL011N10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0.477	0.321	0001-10
TFDL011N12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0.618	0.415	0001-12
TFDL011N16	1 "	25.4	16	35.6	88	1276	350	5075	300	11.811	0.901	0.605	0001-16

MARKING: Available only "embossed"

# INTERPUMP HYFREEZE 2SN

## TFDLO21N



### APPLICATIONS:



### APPLICABLE SPECS.:

EN 853 2SN - SAE 100R2AT

Suitable for very cold environments.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C, min. external temperature -50°C.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDLO21N04	1/4"	6.4	4	15.0	400	5800	1600	23200	100	3.937	0.36	0.242
TFDLO21N05	5/16"	8.0	5	16.6	350	5075	1400	20300	115	4.528	0.416	0.280	0002-05
TFDLO21N06	3/8"	9.5	6	19.0	330	4785	1320	19140	130	5.118	0.525	0.353	0002-06
TFDLO21N08	1/2"	12.7	8	22.2	275	3988	1100	15950	180	7.087	0.62	0.417	0002-08
TFDLO21N10	5/8"	16.0	10	25.4	250	3625	1000	14500	200	7.874	0.752	0.505	0002-10
TFDLO21N12	3/4"	19.0	12	29.3	215	3118	850	12325	240	9.449	0.923	0.620	0002-12
TFDLO21N16	1 "	25.4	16	38.1	165	2393	650	9425	300	11.811	1.377	0.925	0002-16
TFDLO21N20	1.1/4"	31.8	20	48.3	125	1813	500	7250	420	16.535	1.99	1.337	0002-20
TFDLO21N24	1.1/2"	38.1	24	54.6	90	1305	360	5220	500	19.685	2.318	1.557	0002-24
TFDLO21N32	2 "	50.8	32	66.9	80	1160	320	4640	630	24.803	3.15	2.117	0002-32

MARKING: Available only "embossed"



# INTERPUMP HYOZONE

## TFEM02KN

**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

EXCEED EN 857 ZSC - SAE 100R16



Compact hose with low bend radius. Outstanding ozone resistance. Superior weather and UV resistance.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFEM02KN04	1/4"	6.4	4	13.3	400	5800	1600	23200	50	1.969	0.281	0.189
TFEM02KN05	5/16"	8.0	5	14.8	350	5075	1400	20300	55	2.165	0.33	0.222	001C-05
TFEM02KN06	3/8"	9.5	6	17.1	330	4785	1320	19140	65	2.559	0.418	0.281	001C-06
TFEM02KN08	1/2"	12.7	8	20.4	275	3988	1100	15950	90	3.543	0.525	0.353	001C-08
TFEM02KN10	5/8"	16.0	10	23.5	250	3625	1000	14500	100	3.937	0.627	0.421	001C-10
TFEM02KN12	3/4"	19.0	12	27.6	215	3118	860	12470	120	4.724	0.782	0.526	001C-12
TFEM02KN16	1 "	25.4	16	35.8	165	2393	660	9570	150	5.906	1.176	0.790	001C-16

MARKING: Available only "embossed"

# INTERPUMP PILOT

## TFEOP10

### APPLICATIONS:



### APPLICABLE SPECS.:

IMM SPECIFICATION

Lightweight. Compact design. High flexibility. Tested up 1.000.000 impulse cycles at rated working pressure.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFEOP10-03	3/16"	4.8	3	10.5	100	1450	400	5800	20	0.787	0.15	0.101
TFEOP10-04	1/4"	6.4	4	11.5	100	1450	400	5800	25	0.984	0.163	0.109	001C-04
TFEOP10-05	5/16"	8.0	5	13.1	100	1450	400	5800	30	1.181	0.193	0.130	001C-05
TFEOP10-06	3/8"	9.5	6	14.8	100	1450	400	5800	40	1.575	0.224	0.150	001C-06
TFEOP10-08	1/2"	12.7	8	17.9	100	1450	400	5800	50	1.969	0.285	0.191	001C-08

Available on request in version with smooth cover ( in case of order use code TFE1P10) - Available also in 120 bar isoline. In case of order use code TFEOP12..

NOTE: Available until June 2018

MARKING: Available only "mylar"



# INTERPUMP PILOT PLUS 150

## TFE0P15

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECIFICATION

Lightweight. Compact design. High flexibility. Tested up 1.000.000 impulse cycles at rated working pressure.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFE0P15-03	3/16"	4.8	3	10.5	150	2175	600	8700	20	0.787	0.15	0.101
TFE0P15-04	1/4"	6.4	4	11.5	150	2175	600	8700	25	0.984	0.163	0.109	001C-04
TFE0P15-05	5/16"	8.0	5	13.1	150	2175	600	8700	30	1.181	0.193	0.130	001C-05
TFE0P15-06	3/8"	9.5	6	14.8	150	2175	600	8700	40	1.575	0.224	0.150	001C-06
TFE0P15-08	1/2"	12.7	8	17.9	150	2175	600	8700	50	1.969	0.285	0.191	001C-08

Available on request in version with smooth cover ( in case of order use code TFE1P15)

NOTE: To order from April 2018

MARKING: Available only "mylar"



# INTERPUMP KAIZEN 2SN

## THD0021



### APPLICATIONS:



### TYPE APPROVAL:

MED, DNV - GL, RINA, BV, LLOYD'S.

### APPLICABLE SPECS.:

IMM - EXCEED EN 853 2SN - ISO 1436 2SN

NO-SKIVE hose. Exceed EN specification. Impulse tested up to 1.000.000 cycles MED certificate (ISO 15540/15541).

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THD0021-03	3/16"			4.8	3	13.5	420	6090	1750	25375	50	
THD0021-04	1/4"	6.4	4	15.0	420	6090	1750	25375	50	1.969	0.353	0.237	0022-04
THD0021-05	5/16"	8.0	5	16.6	360	5220	1500	21750	60	2.362	0.416	0.280	0022-05
THD0021-06	3/8"	9.5	6	19.0	350	5075	1450	21025	70	2.756	0,515	0.346	0022-06
THD0021-08	1/2"	12.7	8	22.2	290	4205	1200	17400	90	3.543	0,608	0.409	0022-08
THD0021-10	5/8"	16.0	10	25.4	250	3625	1100	15950	110	4.331	0,740	0.497	0022-10
THD0021-12	3/4"	19.0	12	29.3	215	3118	900	13050	130	5.118	0,909	0.611	0022-12
THD0021-16	1 "	25.4	16	38.1	175	2538	700	10150	170	6.693	1,355	0.911	0022-16
THD0021-20	1.1/4"	31.8	20	48.3	140	2030	560	8120	390	15.354	2.035	1.368	0022-20
THD0021-24	1.1/2"	38.1	24	54.6	125	1813	500	7250	460	18.110	2.3	1.546	0022-24
THD0021-32	2 "	50.8	32	66.9	90	1305	420	6090	600	23.622	3.14	2.110	0022-32

Lengths exceeding EN-specification

MARKING: Available also embossed brand version. In case of order use code THD0021N

**INTERPUMP KAIZEN EXCEEDS ISO 1436-1/EN 853 - 2SN DN 6 I.D. 1/4" - W.P. 420 BAR/6090 PSI**

# INTERPUMP HIPAC 1SC

## THE001K

**APPLICATIONS:**



**TYPE APPROVAL:**

BV.

**APPLICABLE SPECS.:**

EXCEED EN 857 1SC, ISO 11237 1SC



NO-SKIVE tube. High abrasion resistance. Exceeding standard operating and burst pressure. Easy assembly.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE001KN04	1/4"			6.4	4	12.3	250	3625	1120	16240	50	
THE001KN05	5/16"	8.0	5	13.5	250	3625	1000	14500	55	2.165	0.210	0.141	001C-05
THE001KN06	3/8"	9.5	6	15.7	250	3625	1000	14500	60	2.362	0.248	0.167	001C-06
THE001KN08	1/2"	12.7	8	18.9	200	2900	800	11600	70	2.756	0.391	0.263	001C-08
THE001KN10	5/8"	16.0	10	22.4	150	2175	600	8700	90	3.453	0.410	0.276	001C-10
THE001KN12	3/4"	19.0	12	26.0	150	2175	600	8700	100	3.937	0.534	0.359	001C-12
THE001KN16	1 "	25.4	16	33.7	110	1595	440	6380	180	7.087	0.742	0.499	001C-16
THE001KN20	1.1/4"	31.8	20	41.1	100	1450	400	5800	210	8.268	1.11	0.746	001C-20
THE001KN24	1.1/2"	38.1	24	48.6	90	1305	360	5220	300	11.811	1.39	0.934	001C-24
THE001KN32	2 "	50.8	32	61.5	75	1088	300	4350	400	15.748	1.94	1.304	001C-32
THE001KN40	2.1/2"	63.5	40	73.5	50	725	200	2900	700	29.134	2.22	1.492	001C-40
THE001KN48	3"	76.2	48	86.0	40	580	160	2320	860	33.858	2.315	1.556	001C-48

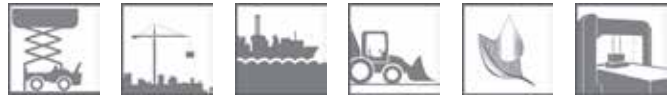
MARKING: Available only "embossed"

# INTERPUMP HIPAC 2SC

## THE002K



### APPLICATIONS:



### TYPE APPROVAL:

MED, DNV - GL, RINA, BV, LLOYD'S.

### APPLICABLE SPECS.:

IMM - EXCEED DIN EN 857 2SC - ISO 11237 2SC

No skive hose. Exceed EN specification. Impulse tested up to 1.000.000 cycles MED certificate (ISO 15540/15541).

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE002K-04	1/4"			6.4	4	13.3	430	6235	1720	24940	50	
THE002K-05	5/16"	8.0	5	14.8	400	5800	1600	23200	60	2.362	0.329	0.221	001C-05
THE002K-06	3/8"	9.5	6	17.1	350	5075	1400	20300	70	2.756	0.422	0.283	001C-06
THE002K-08	1/2"	12.7	8	20.4	310	4495	1240	17980	80	3.150	0.517	0.347	001C-08
THE002K-10	5/8"	16.0	10	23.5	280	4060	1120	16240	100	3.937	0.626	0.421	001C-10
THE002K-12	3/4"	19.0	12	27.6	240	3480	960	13920	120	4.724	0.765	0.514	001C-12
THE002K-16	1"	25.4	16	35.8	210	3045	840	12180	160	6.299	1.171	0.787	001C-16
THE002K-20	1.1/4"	31.8	20	43.1	160	2320	640	9280	250	9.843	1.53	1.028	001C-20
THE002K-24	1.1/2"	38.1	24	50.6	150	2175	600	8700	260	10.236	2.12	1.425	001C-24
THE002K-32	2"	50.8	32	63.5	100	1450	400	5800	360	14.173	2.795	1.878	001C-32
THE002K-40	2.1/2"	63.5	40	75.6	80	1160	320	4640	600	23.622	3.224	2.167	001C-40
THE002K-48	3"	76.2	48	88.0	65	943	260	3770	760	29.921	3.471	2.333	001C-48

MARKING: Available also embossed brand version. In case of order use THE002KN.

**INTERPUMP HIPAC EXCEEDS ISO 11237/EN 857 - 2SC DN 6 I.D. 1/4" - W.P. 430 BAR/6235 PSI**

# INTERPUMP HIPAC 3SC

## THE003K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM

Compact hose. NO-SKIVE construction. NBR tube compound compatible with several fluids. Approved up to 500.000 impulse cycles. Tested at 120% Max WP.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 3 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100° C petroleum based fluids (Intermittent 120°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE003K-06	3/8"			9.5	6	18.8	500	7250	2000	29000	110	
THE003K-08	1/2"	12.7	8	22.4	475	6888	1900	27550	140	5.512	0.817	0.549	*
THE003K-10	5/8"	16.0	10	25.8	420	6090	1680	24360	200	7.874	0.931	0.625	*
THE003K-12	3/4"	19.0	12	29.7	380	5510	1520	22040	240	9.449	1.188	0.799	*
THE003K-16	1 "	25.4	16	38.8	315	4568	1260	18270	300	11.811	1.946	1.308	*

\* - Ask to our Technical Dept.

MARKING: Available also embossed brand version. In case of order use code THE003KN.

**ih INTERPUMP** || **HIPAC** - 3SC DN 10 I.D. 3/8" - W.P. 500 BAR/7250 PSI

# INTERPUMP LONGLIFE 1SC

## THE101K



**APPLICATIONS:**



**TYPE APPROVAL:**

BV.

**APPLICABLE SPECS.:**

EXCEED EN 857 1SC- ISO 112237 1SC

NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.  
**Reinforcement:** 1 high tensile steel wire braids.  
**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.  
**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.  
**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
THE101K-04	1/4"	6.4	4	12.3	250	3625	1120	16240	50	1.969	0.182	0.122	001C-04
THE101K-05	5/16"	8.0	5	13.5	250	3625	1000	14500	55	2.165	0.21	0.141	001C-05
THE101K-06	3/8"	9.5	6	15.7	250	3625	1000	14500	60	2.362	0.248	0.167	001C-06
THE101K-08	1/2"	12.7	8	18.9	200	2900	800	11600	70	2.756	0.391	0.263	001C-08
THE101K-10	5/8"	16.0	10	22.4	150	2175	600	8700	90	3.543	0.41	0.276	001C-10
THE101K-12	3/4"	19.0	12	26.0	150	2175	600	8700	100	3.937	0.534	0.359	001C-12

MARKING: Available only "mylar"

**INTERPUMP** LongLife EXCEEDS EN 857 - 1SC DN 6 I.D. 1/4" - W.P. 25.0 MPa/3625 PSI



# INTERPUMP LONGLIFE 2SC

## THE102K

**APPLICATIONS:**



**TYPE APPROVAL:**

BV.

**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - ISO 11237



NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE102K-04	1/4"	6.4	4	13.3	430	6235	1720	24940	50	1.969	0.283	0.190
THE102K-05	5/16"	8.0	5	14.8	400	5800	1600	23200	60	2.362	0.324	0.218	001C-05
THE102K-06	3/8"	9.5	6	17.1	350	5075	1400	20300	70	2.756	0.418	0.281	001C-06
THE102K-08	1/2"	12.7	8	20.4	310	4495	1240	17980	80	3.150	0.521	0.350	001C-08
THE102K-10	5/8"	16.0	10	23.5	280	4060	1120	16240	100	3.937	0.626	0.421	001C-10
THE102K-12	3/4"	19.0	12	27.6	240	3480	960	13920	120	4.724	0.764	0.513	001C-12
THE102K-16	1"	25.4	16	35.8	185	2683	740	10730	160	6.299	1.171	0.787	001C-16

MARKING: Available only "mylar"

**ih INTERPUMP** **EXCEEDS EN 857 - 2SC DN 6 I.D. 1/4" - W.P. 43,0 MPa/6235 PSI**

# INTERPUMP MARATHON 2SC

## THE0M2K



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM - EXCEED EN 857 2SC - ISO 11237 2SC

NO-SKIVE hose. Exceed EN specification. Impulse tested up to 1.000.000 cycles.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C (intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE0M2K-04	1/4"			6.4	4	13.3	450	6525	1800	26100	50	
THE0M2K-05	5/16"	8.0	5	14.8	420	6090	1680	24360	60	2.362	0.33	0.222	001C-05
THE0M2K-06	3/8"	9.5	6	17.1	385	5583	1540	22330	70	2.756	0.422	0.284	001C-06
THE0M2K-08	1/2"	12.7	8	20.4	350	5075	1500	21750	80	3.150	0.566	0.349	001C-08
THE0M2K-10	5/8"	16.0	10	23.5	350	5075	1400	20300	90	3.543	0.665	0.447	001C-10
THE0M2K-12	3/4"	19.0	12	27.6	280	4060	1120	16240	120	4.725	0.865	0.531	001C-12
THE0M2K-16	1"	25.4	16	36.0	250	3625	1000	14500	140	5.512	1.39	0.934	0022-16

Lenghts exceeding EN-specification

MARKING Available "embossed" Code THE0M2KN.

**ih INTERPUMP MARATHON >>> EXCEEDS EN 857/ISO 11237 - 2SC DN 12 I.D. 1/2" - W.P. 350 BAR/5075 PSI**

# INTERPUMP HYGREEN R15

## TFDG015

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED SAE 100R15 - ISO 3862

Biological oils compatibility. Exceed EN standard. Impulse tested up to 1.000.000 impulse cycles.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4-6 high tensile steel wire spiral.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +121°C (125°C intermittente), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDG015-12	3/4"	19.0	12	32.0	420	6090	1750	25375	210	8268.000	1.573	1.057
TFDG015-16	1 "	25.4	16	38.7	420	6090	1700	24650	240	9449.000	2.116	1.422	004N-16
TFDG015-20	1.1/4"	31.8	20	49.7	420	6090	1680	24360	265	10.433	3.891	2.615	0013-20
TFDG015-24	1.1/2"	38.1	24	57.8	420	6090	1680	24360	310	12.205	5.182	3.482	0013-24
TFDG015-32	2 "	50.8	32	72.0	420	6090	1680	24360	590	23.228	6.892	4.631	0013-32

MARKING: Available also embossed brand version. In case of order use code TFDG015N.

# BIO - FLEX

## THDB4SH



### APPLICATIONS:



### APPLICABLE SPECS.:

EXCEED EN 856 4SH - ISO 3862 4SH

Compatible with organic oils. EN norms tested. Impulse tested up to 1.000.000 cycles. Reduced bending radius. High abrasion resistance. High ozone resistance.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.

**Recommended fluid:** Biological and mineral oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 100° C petroleum based fluids (Intermittent 120°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THDB4SHN12	3/4"			19.0	12	32.0	420	6090	1680	24360	130	



Available with steel plated braided sleeve version ( in case of order use code THCB4SH) or stainless steel braided sleeve version ( in case of order use code THIB-4SH)

MARKING: Available only "embossed"

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INTERPUMP Jet 1SN

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**TFN002/TFB0021**



INTERPUMP Jet 2SN

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INTERPUMP Jet 1SC

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INTERPUMP Jet 2SC

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Cleaning Jet Plus

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INTERPUMP Jet Plus 1SN

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INTERPUMP Jet Plus 1SC

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INTERPUMP Jet Plus 2SC

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SEWERJET 280

**TSW2280**



INTERPUMP SEWERJET 280

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Hyblast

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**TFW0145/TFW0135**



INTERPUMP Hyblast 20k

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LongLift 1SC/2SC

**THL101K**



INTERPUMP LongLift 1SC

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Dimensions and general characteristics may be changed at any time, data contained here in are only for information purpose only and it does not enlarge, amend or imply any warranty other than provided by us with the product. Any use of the product not in conformance with our instructions may be dangerous.

**THL102K**



INTERPUMP LongLife  
25C

73



LongLife  
Dual 15C/25C

**T2E101K**



INTERPUMP LongLife  
Dual 15C

74

**T2E102K**



INTERPUMP LongLife  
Dual 25C

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Railway

**TFDE011**



Hypress Railway - Fire  
resistant

76



Power Lift

**THE011K/THE012K**



INTERPUMP Power  
Lift - 15C/25C

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HYJACK

**THE2J2K**



INTERPUMP HYJACK

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Snow Storm

**THEPS1K**



Hypress Snow Storm  
15C

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HyTruck

**TTRK200**



INTERPUMP HyTruck  
200 bar

80

**TTRK250**



INTERPUMP HyTruck  
250 bar

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**TTRK350**



INTERPUMP HyTruck  
350 bar

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MEGADRILL

**THEMMDR**



Hypress Mega Drill

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MEGAJET

**TFS04JG/THS00JG**



INTERPUMP Mega Jet

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BOP

**TBOP350**



INTERPUMP BOP  
FIRESCREEN 5000

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# INTERPUMP Jet 1SN

TFN0011 TFB0011



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 1SC - ISO 7751

NO-SKIVE flexible line. Safety factor exceeding ISO 7751. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Black</b>													
TFN0011N04	1/4"	6.4	4	13.4	250	3625	900	13050	100	3.937	0.231	0.155	001C-04
TFN0011N05	5/16"	8.0	5	15.0	250	3625	840	12180	115	4.528	0.254	0.171	001C-05
TFN0011N06	3/8"	9.5	6	17.4	250	3625	720	10440	130	5.118	0.338	0.227	001C-06
TFN0011N08	1/2"	12.7	8	20.6	250	3625	640	9280	180	7.087	0.415	0.279	001C-08
<b>Blue</b>													
TFB0011N04	1/4"	6.4	4	13.4	250	3625	900	13050	100	3.937	0.231	0.155	001C-04
TFB0011N05	5/16"	8.0	5	15.0	250	3625	840	12180	115	4.528	0.254	0.171	001C-05
TFB0011N06	3/8"	9.5	6	17.4	250	3625	720	10440	130	5.118	0.338	0.227	001C-06
TFB0011N08	1/2"	12.7	8	20.6	250	3625	640	9280	180	7.087	0.415	0.279	001C-08

MARKING: Available only embossed



# INTERPUMP Jet 2SN

## TFN0021 TFB0021

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 853 2SN - ISO 7751

NO-SKIVE flexible line. Safety factor exceeding ISO 7751. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Black</b>													
TFN0021N04	1/4"	6.5	4	15.0	400	5800	1600	23200	100	3.937	0.359	0.241	0022-04
TFN0021N05	5/16"	8.0	5	16.6	400	5800	1400	20300	115	4.528	0.415	0.279	0022-05
TFN0021N06	3/8"	9.5	6	19.0	400	5800	1320	19140	130	5.118	0.525	0.353	0022-06
TFN0021N08	1/2"	12.7	8	22.2	400	5800	1100	15950	180	7.087	0.620	0.417	0022-08
<b>Blue</b>													
TFB0021N04	1/4"	6.5	4	15.0	400	5800	1600	23200	100	3.937	0.359	0.241	0022-04
TFB0021N05	5/16"	8.0	5	16.6	400	5800	1400	20300	115	4.528	0.415	0.279	0022-05
TFB0021N06	3/8"	9.5	6	19.0	400	5800	1320	19140	130	5.118	0.525	0.353	0022-06
TFB0021N08	1/2"	12.7	8	22.2	400	5800	1100	15950	180	7.087	0.620	0.417	0022-08

MARKING: Available only embossed

# INTERPUMP Jet 1SC

## TFN001K TFB001K



### APPLICATIONS:



### APPLICABLE SPECS.:

EXCEED EN 857 1SC - ISO 7751

NO-SKIVE flexible line. Safety factor exceeding ISO 7751. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
Black													
TFN001KN04	1/4"	6.4	4	12.3	250	3625	900	13050	75	2.953	0.182	0.122	001C-04
TFN001KN05	5/16"	8.0	5	14.0	250	3625	840	12180	85	3.346	0.203	0.136	001C-05
TFN001KN06	3/8"	9.5	6	15.6	250	3625	720	10440	90	3.543	0.256	0.172	001C-06
TFN001KN08	1/2"	12.7	8	18.7	250	3625	640	9280	130	5.118	0.341	0.229	001C-08
Blue													
TFB001KN04	1/4"	6.4	4	12.3	250	3625	900	13050	75	2.953	0.182	0.122	001C-04
TFB001KN05	5/16"	8.0	5	14.0	250	3625	840	12180	85	3.346	0.203	0.136	001C-05
TFB001KN06	3/8"	9.5	6	15.6	250	3625	720	10440	90	3.543	0.256	0.172	001C-06
TFB001KN08	1/2"	12.7	8	18.7	250	3625	640	9280	130	5.118	0.341	0.229	001C-08

MARKING: Available only embossed

# INTERPUMP Jet 2SC

## TFN002K TFB002K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - ISO 7751

NO-SKIVE flexible line. Safety factor exceeding ISO 7751. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

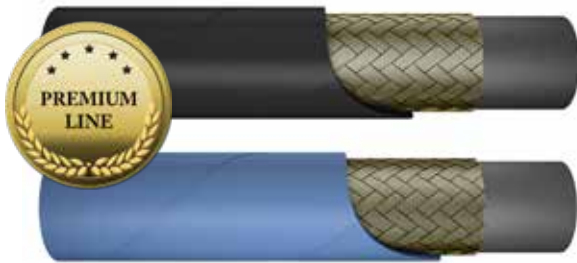
**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
Black													
TFN002KN04	1/4"	6.5	4	13.3	400	5800	1600	23200	75	2.953	0.281	0.189	001C-04
TFN002KN05	5/16"	8.0	5	14.8	400	5800	1400	20300	85	3.346	0.327	0.220	001C-05
TFN002KN06	3/8"	9.5	6	17.1	400	5800	1320	19140	90	3.543	0.418	0.281	001C-06
TFN002KN08	1/2"	12.7	8	20.4	400	5800	1100	15950	130	5.118	0.525	0.353	001C-08
Blue													
TFB002KN04	1/4"	6.5	4	13.3	400	5800	1600	23200	75	2.953	0.281	0.189	001C-04
TFB002KN05	5/16"	8.0	5	14.8	400	5800	1400	20300	85	3.346	0.327	0.220	001C-05
TFB002KN06	3/8"	9.5	6	17.1	400	5800	1320	19140	90	3.543	0.418	0.281	001C-06
TFB002KN08	1/2"	12.7	8	20.4	400	5800	1100	15950	130	5.118	0.525	0.353	001C-08

MARKING: Available only embossed

# INTERPUMP Jet Plus 1SN

**THN0011 THB0011**



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 853 1SN - ISO 7751

NO SKIVE flexible line. Safety factor exceeding 4:1. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Black</b>													
THN0011-04	1/4"	6.4	4	13.4	250	3625	1000	14500	100	3.937	0.231	0.155	001C-04
THN0011-05	5/16"	8.0	5	15.0	250	3625	1000	14500	115	4.528	0.254	0.171	001C-05
THN0011-06	3/8"	9.5	6	17.4	250	3625	1000	14500	130	5.118	0.338	0.227	001C-06
THN0011-08	1/2"	12.7	8	20.6	250	3625	1000	14500	180	7.087	0.415	0.279	001C-08
<b>Blue</b>													
THB0011-04	1/4"	6.4	4	13.4	250	3625	1000	14500	100	3.937	0.231	0.155	001C-04
THB0011-05	5/16"	8.0	5	15.0	250	3625	1000	14500	115	4.528	0.254	0.171	001C-05
THB0011-06	3/8"	9.5	6	17.4	250	3625	1000	14500	130	5.118	0.338	0.227	001C-06
THB0011-08	1/2"	12.7	8	20.6	250	3625	1000	14500	180	7.087	0.415	0.279	001C-08

Smooth cover upon request. Available on request with AFPS GS 2014:1 - PAH Cat.2 Certified cover Please order THNOZ code.

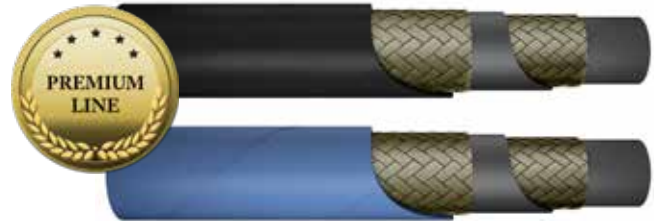
MARKING: Available only "mylar"



# INTERPUMP Jet Plus 2SN

## THN0021 THB0021

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 2SN - ISO 7751

NO SKIVE flexible line. Safety factor exceeding 4:1. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Black</b>													
THN0021-04	1/4"	6.5	4	15.0	400	5800	1600	23200	100	3.937	0.359	0.241	0022-04
THN0021-05	5/16"	8.0	5	16.6	400	5800	1600	23200	115	4.528	0.415	0.279	0022-05
THN0021-06	3/8"	9.5	6	19.0	400	5800	1600	23200	130	5.118	0.525	0.353	0022-06
THN0021-08	1/2"	12.7	8	22.2	400	5800	1600	23200	180	7.087	0.620	0.417	0022-08
<b>Blue</b>													
THB0021-04	1/4"	6.5	4	15.0	400	5800	1600	23200	100	3.937	0.359	0.241	0022-04
THB0021-05	5/16"	8.0	5	16.6	400	5800	1600	23200	115	4.528	0.415	0.279	0022-05
THB0021-06	3/8"	9.5	6	19.0	400	5800	1600	23200	130	5.118	0.525	0.353	0022-06
THB0021-08	1/2"	12.7	8	22.2	400	5800	1600	23200	180	7.087	0.620	0.417	0022-08

Smooth cover upon request. Available on request with AFPS GS 2014:1 - PAH Cat.2 Certified cover Please order THNOZ code.

MARKING: Available only "mylar"



# INTERPUMP Jet Plus 1SC

**THN001K THB001K**



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 1SC - ISO 7751

NO SKIVE flexible line. Safety factor exceeding 4:1. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Black</b>													
THN001KN04	1/4"	6.4	4	12.3	250	3625	1000	14500	75	2.953	0.182	0.122	001C-04
THN001KN05	5/16"	8.0	5	14.0	250	3625	1000	14500	85	3.346	0.203	0.136	001C-05
THN001KN06	3/8"	9.5	6	15.6	250	3625	1000	14500	90	3.543	0.256	0.172	001C-06
THN001KN08	1/2"	12.7	8	18.7	250	3625	1000	14500	130	5.118	0.341	0.229	001C-08
<b>Blue</b>													
THB001KN04	1/4"	6.4	4	12.3	250	3625	1000	14500	75	2.953	0.182	0.122	001C-04
THB001KN05	5/16"	8.0	5	14.0	250	3625	1000	14500	85	3.346	0.203	0.136	001C-05
THB001KN06	3/8"	9.5	6	15.6	250	3625	1000	14500	90	3.543	0.256	0.172	001C-06
THB001KN08	1/2"	12.7	8	18.7	250	3625	1000	14500	130	5.118	0.341	0.229	001C-08

Smooth cover upon request. Available on request with AFPS GS 2014:1 - PAH Cat.2 Certified cover Please order THNOZ code.

MARKING: Available only "mylar"



# INTERPUMP Jet Plus 2SC

## THN002K THB002K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - ISO 7751

NO SKIVE flexible line. Safety factor exceeding 4:1. Product designed for pressure wash applications. Any different use may reduce service life.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -40 to +135°C (intermittent 155°C).

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
Black													
THN002KN04	1/4"	6.5	4	13.4	400	5800	1600	23200	75	2.953	0.281	0.189	001C-04
THN002KN05	5/16"	8.0	5	15.0	400	5800	1600	23200	85	3.346	0.327	0.220	001C-05
THN002KN06	3/8"	9.5	6	17.4	400	5800	1600	23200	90	3.543	0.418	0.281	001C-06
THN002KN08	1/2"	12.7	8	20.6	400	5800	1600	23200	130	5.118	0.574	0.385	001C-08
Blue													
THB002KN04	1/4"	6.5	4	13.4	400	5800	1600	23200	75	2.953	0.281	0.189	001C-04
THB002KN05	5/16"	8.0	5	15.0	400	5800	1600	23200	85	3.346	0.327	0.220	001C-05
THB002KN06	3/8"	9.5	6	17.4	400	5800	1600	23200	90	3.543	0.418	0.281	001C-06
THB002KN08	1/2"	12.7	8	20.6	400	5800	1600	23200	130	5.118	0.574	0.385	001C-08

Smooth cover upon request. Available on request with AFPS GS 2014:1 - PAH Cat.2 Certified cover Please order THNOZ code.

MARKING: Available only "mylar"



# INTERPUMP SEWERJET 280

## TSW2280



### APPLICATIONS:



### APPLICABLE SPECS.:

IMM SPECS - ISO 7751 ISO 7751

A line dedicated to jet application, especially in clean up. Safety factor 2,5:1. NO-SKIVE compact tube. SMOOTH COVER. High abrasion resistance. Easy installation.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 or 2 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water based fluids.

**Operating temperature:** 0°C+70°C for water, -40 °C + 70°C for water based fluids.

Part number	ID		Size	Max WP		Min BP		Min BR		Weight		Ferrule	
	in	mm		bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
	mm	mm		mm	psi	mm	inch	kg/m	lb/ft				
TSW2280-06	3/8"	9,5	06	15,7	280	4000	700	10000	60	2.362	0.250	0,168	001C-06
TSW2280-08	1/2"	12.7	8	20.4	280	4000	700	10000	90	3.543	0.530	0.356	001C-08
TSW2280-12	3/4"	19.0	12	27.6	280	4000	700	10000	100	3.937	0.780	0.524	001C-12
TSW2280-16	1"	25.4	16	35.8	280	4000	700	10000	130	5.118	1.170	0.787	001C-16
(*)TSW2280-20	1.1/4"	31.8	20	43.1	280	4000	700	10000	200	7.874	1.530	1.028	001C-20

(\*) Available on standard wrapped cover only

MARKING: Available only "mylar"





# INTERPUMP HyBLAST 10k

## TFW0070

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS - ISO 7751 ISO 7751

Safety factor 2,5:1. Light and compact. ISO 7751. Reliability and high performances.51.

**Internal hose:** Water resistant synthetic rubber..

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive syntetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glicol-water based.

**Operating temperature:** from -10 to +70°C, max 100°C.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule	Coupling Series
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
TFW0070-16	1 "	25.4	16	38.8	700	10150	1750	25375	280	11.024	2.100	1.413	00S4-16	W series

SAFETY FACTOR 2,5:1

MARKING: Available also embossed brand version. In case of order use code TFW0070N.

**ih INTERPUMP HY-BLAST 10k ISO 7751/S.F. 2,5 - DN 25 I.D. 1" - W.P. 700 BAR/10150 PSI**

# INTERPUMP HyBLAST 12k

## TFW0085



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPEC. - ISO 7751

Safety factor 2,5:1. Light and compact. ISO 7751. Reliability and high performances. Reliability and high performances.

**Internal hose:** Water resistant synthetic rubber..

**Reinforcement:** 4-6 high tensile steel wire spiral.

**Covering:** Anti-abrasive syntetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -10 to +70°C, max 100°C.

Part number	ID		Max WP		Min BP		Min BR		Weight		Ferrule	Coupling Series
	in	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
N° Spirals:4												
TFW0085-04	1/4"	6.4	850	12325	30813	2125	110	4.331	0.570	0.384	0019-04	M series
TFW0085-06	3/8"	9.5	850	12325	30813	2125	140	5.512	0.730	0.491	00S4-06	W series
TFW0085-08	1/2"	12.7	850	12325	30813	2125	170	6.693	0.840	0.565	00S4-08	W series
TFW0085-12	3/4"	19.0	850	12325	30813	2125	220	8.661	1.690	1.137	00S4-12	W series
N° Spirals:6												
TFW0085-16	1"	25.4	850	12325	30813	2125	330	12.992	3.200	2.150	00Y6-16	Y series

MARKING: Available also embossed brand version. In case of order use TFW0085N.

**INTERPUMP** **HY-BLAST 12k** ISO 7751/S.F. 2,5 - DN 12 I.D. 1/2" - W.P. 850 BAR/12325 PSI

# INTERPUMP HyBLAST 15k

## TFW0110 TFW0100

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS - ISO 7751

Safety factor 2,5:1. Light and compact. ISO 7751. Reliability and high performances.

**Internal hose:** Water resistant synthetic rubber.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive syntetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glicol-water based.

**Operating temperature:** from -10 to +70°C, max 100°C.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule	Coupling Series
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
TFW0110-04	1/4"	6.4	4	17.0	1100	15950	2750	39875	110	4.331	0.570	0.384	0019-04	M series
TFW0110-06	3/8"	9.5	6	20.7	1100	15950	2750	39875	140	5.512	0.890	0.599	00S4-06	W series
TFW0110-08	1/2"	12.7	8	24.0	1100	15950	2750	39875	180	7.087	1.150	0.774	00S4-08	W series
TFW0100-12	3/4"	19.0	12	31.6	1000	14500	2500	36250	240	9.449	1.800	1.211	00Y4-12	Y series

MARKING: Available also embossed brand version. In case of order use code TFW0110N..

**INTERPUMP** HY-BLAST 15k ISO 7751/S.F. 2.5 - DN 10 I.D. 3/8" - W.P. 1100 BAR/15950 PSI

# INTERPUMP HyBLAST 18k

## TFW0125 TFW0120



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPEC. - ISO 7751

Safety factor 2,5:1. Light and compact. ISO 7751. Reliability and high performances.

**Internal hose:** Water resistant synthetic rubber.

**Reinforcement:** 4 steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -10 to +70°C, max 100°C.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule	Coupling Series
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
TFW0125-06	3/8"	9.5	6	20.7	1250	18125	3125	45313	160	6.229	0.920	0.619	00Y4-06	Y series
TFW0120-08	1/2"	12.7	8	24.0	1200	17400	3000	43500	200	7.874	1.190	0.801	00Y4-08	Y series

MARKING: Available also embossed brand version. In case of order use code TFW0125N.

**ih INTERPUMP** || **HY-BLAST** → 18k ISO 7751/S.F. 2,5 - DN 10 I.D. 3/8" - W.P. 1250 BAR/18125 PSI

# INTERPUMP HyBLAST 20k

## TFW0145 TFW0135

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS ISO 7751

Safety factor 2,5:1. Light and compact. ISO 7751. Reliability and high performances.

**Internal hose:** Water resistant synthetic rubber.

**Reinforcement:** 6 steel wire spirals.

**Covering:** Anti-abrasive syntetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, glycol-water based.

**Operating temperature:** from -10 to +70°C, max 100°C.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule	Coupling Series
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft		
	TFW0145-06	3/8"			9.5	6	23.3	1450	21025	3625	52563	180		
TFW0145-08	1/2"	12.7	8	27.0	1450	21025	3625	52563	220	8.661	1.800	1.211	00Y6-08	Y series
TFW0135-12	3/4"	19.0	12	35.0	1350	19575	3375	48938	260	10.236	2.670	1.797	00Y6-12	Y series

MARKING: Available also embossed brand version. In case of order use code TFW0145N.

**ih INTERPUMP** ■ ■ ■ **HY-BLAST 20k** ISO 7751/S.F. 2,5 - DN 12 I.D. 1/2" - W.P. 1450 BAR/21025 PSI

# INTERPUMP LongLift 1SC

## THL101K



### APPLICATIONS:



### APPLICABLE SPECS.:

EXCEED EN 857 1SC- ISO 112237 1SC

NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. Approved and released for lift truck application. High resistance and elasticity. High flexibility at small bend radius. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 120°C (Intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	Max WP		Min BP		Min BR		Weight		Ferrule	
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m		lb/ft
	THL101K-04	1/4"		6.4	4	12.3	250	3625	1120	16240	50		1.969
THL101K-05	5/16"	8.0	5	13.5	250	3625	1000	14500	55	2.165	0.210	0.141	001C-05
THL101K-06	3/8"	9.5	6	15.7	250	3625	1000	14500	60	2.362	0.248	0.167	001C-06
THL101K-08	1/2"	12.7	8	18.9	200	2900	800	11600	70	2.756	0.391	0.263	001C-08
THL101K-10	5/8"	16.0	10	22.4	150	2175	600	8700	90	3.543	0.410	0.276	001C-10
THL101K-12	3/4"	19.0	12	26.0	150	2175	600	8700	100	3.937	0.534	0.359	001C-12
THL101K-16	1"	25.4	16	33.7	110	1595	440	6380	180	7.087	0.742	0.499	001C-16

MARKING: Available only "mylar"

**INTERPUMP LongLift EXCEEDS EN857 - 1SC DN10 I.D. 3/8" W.P. 25,0 Mpa (3600 PSI)**

# INTERPUMP LongLift 2SC THL102K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 2SC - ISO 11237 2SC

NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. Approved and released for lift truck application. High resistance and elasticity. High flexibility at small bend radius. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 120°C (Intermittent 135°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THL102K-04	1/4"	6.4	4	13.3	430	6235	1720	24940	50	1.969	0.283	0.190
THL102K-05	5/16"	8.0	5	14.8	400	5800	1600	23200	60	2.362	0.324	0.218	001C-05
THL102K-06	3/8"	9.5	6	17.1	350	5075	1400	20300	70	2.756	0.418	0.281	001C-06
THL102K-08	1/2"	12.7	8	20.4	310	4495	1240	17980	80	3.150	0.521	0.350	001C-08
THL102K-10	5/8"	16.0	10	23.5	280	4060	1120	16240	100	3.937	0.626	0.421	001C-10
THL102K-12	3/4"	19.0	12	27.6	240	3480	960	13920	120	4.724	0.764	0.513	001C-12
THL102K-16	1"	25.4	16	35.8	210	3045	840	12180	160	6.299	1.171	0.787	001C-16

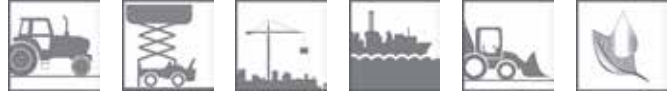
MARKING: Available only "mylar"

# INTERPUMP LongLife Dual 1SC

## T2E101K



**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 - ISO 11237 1SC

NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 or 2 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to + 120° C (Intermittent 135°C), from -40 to +70°C for water based fluids.

Part number	Size	OD	T.H	T.H. Max	Max WP		Min BR		Weight		Ferrule
		mm	mm	mm	bar	psi	mm	inch	kg/m	lb/ft	
T2E101KI04	4	12.4	24.8	26	250	3625	50	1.969	0.364	0.244	001C-04
T2E101KI06	6	15.6	31.2	32.6	250	3625	60	2.362	0.420	0.282	001C-06
T2E101KI08	8	19.0	38	39.4	200	2900	70	2.756	0.782	0.525	001C-08

A specific machine is available to split the twin hose . In case of order use code MHSXA001.



MARKING: Available only "mylar"

**INTERPUMP** LongLife Dual EXCEEDS EN 857 - 1SC DN 10 I.D. 3/8" - W.P. 25,0 MPa/3625 PSI



# INTERPUMP LongLife Dual 2SC

## T2E102K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEED EN 857 - ISO 11237 2SC



NO-SKIVE hose. High abrasion resistance. Pressure rating exceeding standards. Easy to install. SMOOTH COVER.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 or 2 high tensile steel wire braids.

**Covering:** Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120° C (Intermittent 135°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

Part number	Size	OD	T.H	T.H. Max	Max WP		Min BR		Weight		Ferrule
		mm	mm	mm	bar	psi	mm	inch	kg/m	lb/ft	
T2E102KI04	4	13.3	26.6	27.8	430	6235	60	2.362	0.566	0.380	001C-04
T2E102KI06	6	17.1	34.2	32.6	350	5075	70	2.756	0.836	0.561	001C-06
T2E102KI08	8	20.5	41	42.4	310	4495	80	3.150	1.042	0.699	001C-08

A specific machine is available to split the twin hose . In case of order use code MHSXA001.



MARCATURA: Available only "mylar"

**ih INTERPUMP** LongLife Dual EXCEEDS EN857 - 2SC DN10 I.D. 3/8" W.P. 35,0 Mpa (5075 PSI)

# Hypress Railway - Fire resistant

## TFDE011



**APPLICATIONS:**



**TYPE APPROVAL:**

AFNOR NF - EN ISO 11925.

**APPLICABLE SPECS.:**

IMM - SAE 100R1AT - EN 853 1SN

Fumes classification, according AFNOR NF 16.101: F1. Fire attitude: class 13, compound certified EN ISO 11925-2. Hoses are not designed and not approved for "air brake" applications.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 steel wire braid.

**Covering:** Synthetic rubber fire resistant.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C, (intermittent 110°C).

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFDE011N04	1/4"	6.4	4	13.4	225	3263	900	13050	100	3.937	0.231	0.155
TFDE011N05	5/16"	8.0	5	15.0	215	3118	860	12470	115	4.528	0.254	0.171	001C-05
TFDE011N06	3/8"	9.5	6	17.4	180	2610	720	10440	125	4.921	0.338	0.227	001C-06
TFDE011N08	1/2"	12.7	8	20.6	160	2320	640	9280	180	7.087	0.415	0.279	001C-08
TFDE011N10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0.477	0.321	001C-10
TFDE011N12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0.618	0.415	001C-12
TFDE011N16	1 "	25.4	16	35.6	88	1276	352	5104	300	11.811	0.901	0.605	001C-16

MARKING: Available only "embossed"

# INTERPUMP Power Lift - 1SC/2SC

## THE0L1K THE0L2K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

UNI EN 81-20 - EXCEED EN 857 - ISO 11237

Compact hose with low bend radius. For lift solutions. Safety factor 8:1.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 or 2 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE0L1K-16	1"	25.4	16	33.7	50	725	400	5800	180	7.087	0.750	0.504
THE0L1K-20	1.1/4"	31.8	20	41.1	50	725	400	5800	210	8.268	1.280	0.860	001C-20
THE0L1K-24	1.1/2"	38.1	24	48.6	45	653	360	5220	300	11.811	1.390	0.934	001C-24
THE0L2K-24	1.1/2"	38.1	24	50.6	50	725	400	5800	300	11.811	2.100	1.411	001C-24
THE0L2K-32	2"	50.8	32	63.5	50	725	400	5800	400	15.748	1.176	0.790	001C-32

MARKING: Available only "mylar"

**ih INTERPUMP POWERLIFT EXCEEDS - ISO 11237/EN 857 - EN 81.2 1SC DN 38 I.D. 1.1/2" - W.P. 45 BAR/653 PSI**

# INTERPUMP HYJACK

## THE2J2K



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS

Tested for jack applications up to a static pressure of 760 bar/11000 psi. Compact version. Safety factor > 2: 1. Smooth cover. Tested and released with dedicated fitting (002M bushing + Multispiral couplings).

**Internal hose:** Oil resistant synthetic rubber.

**Reinforcement:** 2 high-load steel wire braids.

**Covering:** Synthetic rubber resistant to oils, fuels, atmospheric conditions and abrasion.

**Recommended fluid:** Mineral and biological oils.

**Operating temperature:** from -40 to +100°C.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THE2J2K-04	1/4"	6.4	4	13.3	760	11000	1672	24200	75	2.953	0.281	0.189
THE2J2K-06	3/8"	9.5	6	17.1	725	10500	1595	23100	90	3.543	0.422	0.284	002M-06

MARKING: Available only "mylar"

**INTERPUMP** **HYJACK** DN 10 I.D. 3/8" W.P 725 bar / 10500 psi - S.F. 2,2:1

# Hypress Snow Storm 1SC THEPS1K

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM - ISO 7751

Great performance with air. Water and under thermal shock. Excellent resistance to UV, ozone and abrasion. Safety factor 2.5:1.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 1 high tensile steel wire braids.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions with UHMWPE film.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THEPS1KB16	1 "	25.4	16	34.2	100	1450	250	3625	200	7.874	0.742	0.499
THEPS1KB24	1.1/2"	38.1	24	47.7	100	1450	250	3625	400	15.748	1.390	0.934	001C-24
THEPS1KB32	2 "	50.8	32	61.5	100	1450	250	3625	500	19.685	1.940	1.304	001C-32

Also available in black color THEPS1KN.

# INTERPUMP HyTruck 200 bar

## TTRK200



### APPLICATIONS:



### APPLICABLE SPECS.:

IMM SPECS

NO-SKIVE hose. A line dedicated to tipper applications. Safety factor 2,5:1.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness oil and water resistant.

**Reinforcement:** 1 braid (DN19) or 2 braids (DN25) made of high tensile steel wire.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 125°), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TTRK200-12	3/4"	19.0	12	26.0	200	2900	500	7250	180	7.087	0.492	0.330
TTRK200-16	1"	25.4	16	35.8	200	2900	500	7250	250	9.843	1.171	0.787	001C-16

MARKING: Mylar version

# INTERPUMP HyTruck 250 bar

## TTRK250

**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS

NO-SKIVE hose. A line dedicated to tipper applications. Safety factor 2,5:1.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness oil and water resistant.

**Reinforcement:** 1 braid (DN19) or 2 braids (DN25) made of high tensile steel wire.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 125°), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TTRK250-12	3/4"	19.0	12	26.0	250	3625	625	9063	180	7.087	0.534	0.359
TTRK250-16	1"	25.4	16	35.8	250	3625	625	9063	250	9.843	1.171	0.787	001C-16

MARKING :Mylar version



# INTERPUMP HyTruck 350 bar

## TTRK350



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM SPECS

NO-SKIVE hose. A line dedicated to tipper applications. Safety factor 2,5:1.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness oil and water resistant.

**Reinforcement:** 2 high tensile steel wire braids.

**Covering:** Synthetic rubber resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Mineral and biological oils, glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 125°), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TTRK350-12	3/4"	19.0	12	26.0	350	5075	875	12688	200	7.874	0.782	0.525	001C-12
TTRK350-16	1"	25.4	16	35.8	350	5075	875	12688	250	9.843	1.171	0.787	001C-16

MARCKING: Available only "mylar"

**INTERPUMP HYTRUCK** DN 19 I.D. 3/4" W.P. 350 bar/5075 psi - S.F. 2.5:1



# Hypress Mega Drill THEMMDR

**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

EXCEEDS ISO 3862 TYPE R13 - IMM SPECS



High pressure hoses. Power lines/severe applications. Perforations.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 6 high strength steel spirals.

**Covering:** Abrasion resistant synthetic rubber resistant to oils, fuels, atmospheric conditions. MSHA.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	THEMMDRN40	2.1/2"	63.5	40	87.6	350	5075	1400	20300	900	35.430	8.995	6.044
THEMMDRN48_S	3"	76.2	48	100.3	350 (*)	5075	880	12760	1000	39.370	10.368	6.967	(***)
THEMMDRN48_D	3"	76.2	48	100.3	210 (**)	3045	880	12760	1000	39.370	10.368	6.967	(***)

(\*) - Static Application

(\*\*) - Dynamic Application Safety Factor > 4:1

(\*\*\*) - Ask our Technical Dept.

MAKING: Available only "embossed"

# INTERPUMP Mega Jet

## TFS04JG THS00JG



**APPLICATIONS:**



**APPLICABLE SPECS.:**

IMM - ISO 7751

High performance structure. High ozone and weather conditions resistance. Safety factor 2,5:1 or 3,5:1 according to ISO 7751.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness, abrasion resistant.

**Reinforcement:** 4-6 high tensile steel wire spiral.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Water, water-soap based, water grout based.

**Operating temperature:** from -40 to +100°C, from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
<b>Safety factor: 2,5:1</b>													
N° Spirals:4													
TFS04JGN16	1"	25.4	16	38.4	550	7975	1375	19938	220	8.661	2.104	1.414	004N-16
TFS04JGN20	1.1/4"	31.8	20	45.8	450	6525	1125	16313	400	15.748	2.550	1.714	004N-20
TFS04JGN24	1.1/2"	38.1	24	53.5	450	6525	1125	16313	560	22.047	3.225	2.167	004N-24
TFS04JGN32	2"	50.8	32	67.0	420	6090	1050	15225	650	25.591	4.400	2.957	004N-32
<b>Safety factor: 3,5:1</b>													
N° Spirals:6													
THS00JGN16	1"	25.4	16	42.2	600	8700	2100	30450	330	12.992	3.200	2.151	0013-16
THS00JGN20	1.1/4"	31.8	20	49.7	550	7975	1925	27913	265	10.433	3.891	2.615	0013-20
THS00JGN24	1.1/2"	38.1	24	57.8	500	7250	1750	25375	310	12.205	5.182	3.483	0013-24
THS00JGN32	2"	50.8	32	71.5	480	6960	1680	24360	600	23.623	6.700	4.503	0013-32

Available on request with external antiabrasion UHMWPE film (in case of order use code TFS04JG).

Available on request with external antiabrasion UHMWPE film (in case of order use code THS00JG).

MARKING: Available only "embossed"

# INTERPUMP BOP FIRESCREEN 5000

**APPLICATIONS:**

## TBOP350



**TYPE APPROVAL:**

API16-D, LLOYD OD 1000/499.

**APPLICABLE SPECS.:**

API16-D - LLOYD'S REGISTER OD 1000/499 REV.2



Isobaric line 5000 psi. Flame resistance tested iaw API 16-D Integrated with Lloyd's register OD 1000/499 rev 2 Flame Resistance Test.

**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness.

**Reinforcement:** 6 high tensile steel wire spirals.

**Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Recommended fluid:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

**Operating temperature:** from -40 to +120°C petroleum based fluids (Intermittent 125°), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TBOP350N32	2"	50.8	32	71.5	350	5075	1400	20300	635	25.000	6.890	4.629	0013-32

MARKING: Available only "embossed"



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# SAE 100R7

# TFS0007

**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

EXCEED SAE 100R7 - ISO 3949 R7



Exceeds SAE 100R7. Light and flexible, abrasion resistant. Limited change in length. Pinpricked cover.

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 or 2 braids of synthetic fiber.

**Covering:** Polyurethane, black, pinpricked, white ink-jet branding.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Icon
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS0007-02	1/8"			4.0	02	8.3	210	3045	840	12180	25	
TFS0007-03	3/16"	5.0	03	9.6	210	3045	840	12180	25	0.984	0.060	0.040	0007-03
TFS0007-04	1/4"	6.5	04	11.8	210	3045	840	12180	35	1.378	0.090	0.060	0007-04
TFS0007-05	5/16"	8.1	05	13.9	190	2755	760	11020	60	2.362	0.115	0.077	0007-05
TFS0007-06	3/8"	9.7	06	16.0	160	2320	640	9280	55	2.165	0.145	0.097	0007-06
TFS0007-08	1/2"	13.0	08	20.1	140	2030	560	8120	75	2.953	0.210	0.141	0007-08
TFS0007-10	5/8"	16.3	10	23.7	105	15225	420	6090	110	4.331	0.280	0.188	0007-10
TFS0007-12	3/4"	19.5	12	27.1	90	1305	360	5220	140	5.512	0.335	0.225	0007-12
TFS0007-16	1"	25.9	16	34.0	70	1015	280	4060	190	7.480	0.455	0.305	

\* - Ask to our Technical Dept.

Available also in twin version ( in case of order use code T2S0007)

Available also in 'No conductive' version - ( in case of order use code TFS0NC7).



Available also in 'Neptune' version - marine application ( in case of order use code TFS00M7).



Available also in 'Nautilus' version - off-shore equipment ( in case of order use code TFS00Y7).



Available also in 'Solvent' version - (in case of order use code TFS00V7).



# SAE 100R8

## TFS0008



### APPLICATIONS:



### TYPE APPROVAL:

MSHA.

### APPLICABLE SPECS.:

EXCEED SAE 100R8 - ISO 3949 R8

Exceeds SAE 100R8. Light and flexible, abrasion resistant. Limited change in length. Pinpricked cover.

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 or 2 braids of aramid fiber.

**Covering:** Polyurethane, black, pinpricked, white ink-jet branding.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		0008-XX
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0008-02	1/8"	4.0	02	8.0	420	6090	1680	24360	25	0.984	0.045	0.030	0008-02
TFS0008-03	3/16"	5.0	03	8.9	350	5075	1400	20300	30	1.181	0.050	0.034	0008-03
TFS0008-04	1/4"	6.5	04	11.5	350	5075	1400	20300	50	1.969	0.085	0.057	0008-04
TFS0008-05	5/16"	8.1	05	13.4	300	4350	1200	17400	55	2.165	0.105	0.071	0008-05
TFS0008-06	3/8"	9.7	06	15.5	280	4060	1120	16240	60	2.362	0.135	0.091	0008-06
TFS0008-08	1/2"	13.0	08	19.9	245	35525	980	14210	80	3.150	0.200	0.134	0008-08
TFS0008-10	5/8"	16.3	10	23.4	200	2900	800	11600	125	4.921	0.250	0.168	0008-10
TFS0008-12	3/4"	19.5	12	27.1	165	23925	660	9570	150	5.906	0.320	0.215	0008-12
TFS0008-16	1 "	25.9	16	34.2	140	2030	560	8120	200	7.874	0.435	0.292	0008-16

Available also in twin version ( in case of order use code T250008).



Available also in 'Nautilus' version - off-shore equipment ( in case of order use code TFS00Y8).



Available also in 'Neptune' version - marine application ( in case of order use code TFS00M7).



Available also in 'Solvent' version (in case of order use code TFS00V8).



Available also in 'No conductive' version (in case of order use code TFS0NC8).





# One high tensile steel wire braid

## TFS00H1

**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

SAE 100R1 - MEETS OR EXCEEDS PRESSURE LEVEL OF EN 853 15N  
- EN 857 15C



Slim line construction for compact installation and flexibility. Lightweight. Steel braid offers low volumetric expansion and optimum in length characteristics. Abrasion resistant..

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 braid of steel wire.

**Covering:** Polyurethane, black, white ink-jet branding.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		0008-03
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS00H1-03	3/16"	5.0	03	9.7	360	5220	1440	20880	30	1.181	0.120	0.081	0008-03
TFS00H1-04	1/4"	6.4	04	11.7	310	4495	1240	17980	40	1.575	0.165	0.111	0008-04
TFS00H1-05	5/16"	8.1	05	13.2	250	3625	1000	14500	55	2.165	0.190	0.128	0008-05
TFS00H1-06	3/8"	9.8	06	15.5	225	3263	900	13050	65	2.559	0.230	0.155	0008-06
TFS00H1-08	1/2"	13.0	08	18.8	190	2755	760	11020	85	3.346	0.300	0.202	0008-08
TFS00H1-10	5/8"	16.3	10	22.0	140	2030	560	8120	115	4.528	0.335	0.225	0008-10
TFS00H1-12	3/4"	19.5	12	25.8	115	1668	460	6670	145	5.709	0.460	0.309	0008-12
TFS00H1-16	1"	25.8	16	33.4	95	1378	380	5510	180	7.087	0.640	0.430	0008-16



Available also in "Neptune" version - marine application (in case of order use code TFS0H1M). NO MSHA.



Available also in 'Solvent' version (in case of order use code TFS00V1). NO MSHA.



Available also in twin version ( in case of order use code T2S00H1).



# Two high tensile steel wire braid TFS00H2



**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

MEETS OR EXCEEDS SAE 100R2 PERFORMANCE

Rugged construction for HD application and prolonged lifetime. Suitable in harsh condition. Abrasion resistant

**Internal hose:** Polyester elastomer.

**Reinforcement:** 2 braid of steel wire.

**Covering:** Polyurethane, black, white ink-jet branding.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		0022-XX
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS00H2-04	1/4"	6.4	04	12.8	400	5800	1600	23200	40	1.575	0.245	
TFS00H2-06	3/8"	9.8	06	16.8	330	4785	1320	19140	65	2.559	0.370	0.249	0022-06
TFS00H2-08	1/2"	13.0	08	20.2	260	3770	1040	15080	85	3.346	0.455	0.306	0022-08
TFS00H2-10	5/8"	16.3	10	23.5	220	3190	880	12760	115	4.528	0.560	0.376	0022-10
TFS00H2-12	3/4"	19.5	12	27.5	150	2175	660	9570	170	6.693	0.700	0.470	0022-12

Available also in twin version (in case of order use code T2500H2).



Available also in 'Solvent' version (in case of order use code TFS00V2). NO MSHA.



# INTERPUMP HyUltra TFS00HP

**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.



Combined Aramid + Steel braid construction for compact design. Lightweight and flexible. Narrow bending radius for use on hose reels and in tight environments. Antiabrasion cover.

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 or 2 braid of aramid fiber plus one steel braid.

**Covering:** Polyurethane, black, white ink-jet branding.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		0019-04
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS00HP-04	1/4"	6.6	04	12.7	700	10150	2800	40600	35	1.378	0.180	
TFS00HP-06	3/8"	9.8	06	18.7	700	10150	2800	40600	90	3.543	0.330	0.222	*

\* - Ask to our Technical Dept.

Available also in twin version ( in case of order use code T2S00HP).



Available also in 'No conductive' version (in case of order use code TFSNCHP). NO MSHA.



# R18 Low pressure

## TFS0018



### APPLICATIONS:



### APPLICABLE SPECS.:

MEETS OR EXCEEDS SAE 100R18

Optimum bonding. Special polyester cover operating in cold environment. Tight bend radius. Pinpricked cover.

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 or 2 braids of synthetic fiber.

**Covering:** Special polyester, pinpricked.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -55 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Pinpricked cover
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS0018-03	3/16"	5.0	03	9.6	210	3045	840	12180	25	0.984	0.060	
TFS0018-04	1/4"	6.5	04	12.2	210	3045	840	12180	35	1.378	0.095	0.064	*
TFS0018-05	5/16"	8.1	05	14.3	210	3045	840	12180	45	1.772	0.130	0.087	*
TFS0018-06	3/8"	9.7	06	16.6	210	3045	840	12180	45	1.772	0.165	0.111	*
TFS0018-08	1/2"	13.0	08	22.5	210	3045	840	12180	70	2.756	0.295	0.198	*
TFS0018-10	5/8"	16.3	10	26.1	210	3045	840	12180	100	3.937	0.370	0.249	*

\* - Ask to our Technical Dept.

Available also in twin version ( in case of order use code T2S0018).



# Mini-flexible

## TFS00MP

**APPLICATIONS:**



Very flexible and lightweight. Kink resistance. Antistick cover allow use of hose bundles for easy routing. Nipples fittings range.

**Internal hose:** Polyester elastomer

**Reinforcement:** 1 braid of aramid fiber.

**Covering:** Antigrip polyurethane, black, pinpricked.

**Recommended fluid:** Hydraulic fluids petroleum based, glycol-water based, lubricants.

**Operating temperature:** from -40 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Icon
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS00MP-012	2.0	564.0	02	5.0	630	9135	1900	27550	20	0.787	0.020	0.013	*
TFS00MP-020	3.0	18.0	03	6.0	630	9135	1900	27550	30	1.181	0.025	0.017	*
TFS00MP-025	4.0	532.0	04	8.0	630	9135	1900	27550	40	1.575	0.045	0.030	*

\* - Ask to our Technical Dept.

# INTERPUMP HyFire TI00CO2



**APPLICATIONS:**



**TYPE APPROVAL:**

MSHA.

**APPLICABLE SPECS.:**

MEETS OR EXCEEDS EN 853 15N - EN 854 15C - SAE 100R1 PERFORMANCE LEVEL

One steel braid design for increased mechanical and pressure resistance. Operating temperatures from -60°C to +93°C. Pinpricked cover. Also suitable for use of connection between bottles/valves and manifolds for CO2 main fire extinguishing systems. The low temperature resistance of cover increases lifetime of these hoses.

**Internal hose:** Polyester elastomer.

**Reinforcement:** 1 braid of steel wire.

**Covering:** Polyurethane, black, pinpricked, white ink-jet branding.

**Operating temperature:** from -60 to +93°C.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Icon
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TI00CO2-03	3/16"	5.0	03	9.7	300	4350	1200	17400	30	1.181	0.125	
TI00CO2-04	1/4"	6.4	04	11.7	275	3988	1100	15950	40	1.575	0.155	0.104	*
TI00CO2-05	5/16"	8.0	05	13.2	212	3074	848	12296	55	2.165	0.190	0.128	*
TI00CO2-06	3/8"	9.8	06	15.5	212	3074	848	12296	65	2.559	0.230	0.155	*
TI00CO2-08	1/2"	13.0	08	18.8	175	2538	700	10150	85	3.346	0.300	0.202	*
TI00CO2-10	5/8"	16.3	10	22.0	140	2030	560	8120	115	4.528	0.320	0.215	*

\* - Ask to our Technical Dept.

Available also in twin version ( in case of order use code T2500C02).



# Costant pressure low temperature TFS00CP

**APPLICATIONS:**



**APPLICABLE SPECS.:**

EXCEEDS SAE 100R18

Optimum bonding. Special polyester cover operating in cold enviroment. Tight bend radius. Pinpricked cover.

**Internal hose:** Polyester elastomer

**Reinforcement:** 1 or 2 braids of synthetic fiber.

**Covering:** Special polyester, pinpricked.

**Recommended fluid:** Hydraulic fluids petroleum based, glicol-water based, lubricants.

**Operating temperature:** from -55 to +100°C continuous, +70°C for water based fluids.

Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		0008-03
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
	TFS00CP-03	3/16"	5.0	03	9.6	250	3600	1000	14400	25	0.984	0.060	
TFS00CP-04	1/4"	6.5	04	13.0	250	3600	1000	14400	35	1.378	0.115	0.077	0008-04
TFS00CP-05	5/16"	8.1	05	15.0	250	3600	1000	14400	45	1.772	0.145	0.097	0008-05
TFS00CP-06	3/8"	9.7	06	18.0	250	3600	1000	14400	55	2.170	0.205	0.138	0008-06





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**TF00TP1**



Tubo P.T.F.E. tipo TP1

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**TF000T2**



Tubo P.T.F.E. tipo T2

103

**TF00THP**



Tubo P.T.F.E. tipo THP

104

**TF00LTC**



Tubo P.T.F.E. corrugato  
tipo LTC

105

# TUBO P.T.F.E. TIPO T1

## TF000T1

**APPLICATIONS:**



**APPLICABLE SPECS.:**

SAE 100 R14

Hose for use with IMM Hydraulics fittings. Standard tail.

**Internal hose:** Smooth P.T.F.E. thin wall.

**Covering:** 1 high tensile stainless steel AISI 304 wire braids.

**Operating temperature:** from -70 to +260°C.

Part number	ID			Spessore parete	OD mm	Max WP( 23C°)		Min BP(23C°)		Min BR		Ferrule
	in	mm	Dash			bar	psi	bar	psi	inch	mm	
	TF000T1-03	3/16"	4.80			03	0.7	7.4	200	2900	800	
TF000T1-04	1/4"	6.35	04	0.7	9	175	2538	700	10150	1.772	45	PTFE-04
TF000T1-05	5/16"	7.90	05	0.7	10.8	150	2175	600	8700	1.969	50	PTFE-05
TF000T1-06	3/8"	9.50	06	0.7	12.4	135	1958	540	7830	2.165	55	PTFE-06
TF000T1-08	1/2"	12.7	08	0.7	15.7	120	1740	480	6960	2.756	70	PTFE-08
TF000T1-10	5/8"	15.9	10	0.8	19.1	100	1450	400	5800	5.118	130	PTFE-10
TF000T1-12	3/4"	19.0	12	0.8	22.2	90	1305	360	5220	7.480	190	PTFE-12
TF000T1-16	1 "	25.4	16	1	29.7	65	943	260	3770	10.630	270	PTFE-16

(\*) - For temperature over 100°C, please contact our technical department

# TUBO P.T.F.E. TIPO TP1

## TF00TP1



### APPLICATIONS:



Hose for use with IMM Hydraulics fittings. Standard tail.

**Internal hose:** Smooth P.T.F.E. medium thickness wall.

**Covering:** 1 high tensile stainless steel AISI 304 wire braids.

**Operating temperature:** from -70 to +260°C.

Part number	ID			Spessore parete	OD mm	Max WP( 23C°)		Min BP(23C°)		Min BR		Ferrule
	in	mm	Dash			bar	psi	bar	psi	inch	mm	
TF00TP1-03	3/16"	4.8	03	0.9	7.8	210	3045	840	12180	1.378	35	*
TF00TP1-04	1/4"	6.35	04	0.9	9.4	185	2683	740	10730	1.772	45	*
TF00TP1-05	5/16"	7.9	05	0.9	11.2	160	2320	640	9280	1.969	50	*
TF00TP1-06	3/8"	9.5	06	0.9	12.8	140	2030	560	8120	2.165	55	*
TF00TP1-07	13/32"	10.3	07	0.9	13.6	135	1958	540	7830	2.559	65	*
TF00TP1-08	1/2"	12.7	08	0.9	16	125	1813	500	7250	2.756	70	*
TF00TP1-10	5/8"	15.9	10	1	19.4	105	1523	420	6090	5.118	130	*
TF00TP1-12	3/4"	19	12	1	22.5	95	1378	380	5510	7.480	190	*
TF00TP1-14	7/8"	22.2	14	1.1	26	75	1088	300	4350	9.843	250	*
TF00TP1-16	1"	25.4	16	1.1	29.4	67	972	268	3886	10.630	270	*

(\*) - For temperature over 100°C, please contact our technical department

# TUBO P.T.F.E. TIPO T2

## TF000T2

**APPLICATIONS:**



Hose for use with IMM Hydraulics fittings. Standard tail.

**Internal hose:** Smooth P.T.F.E..

**Covering:** 2 high tensile stainless steel AISI 304 wire braids.

**Operating temperature:** from -70 to +260°C.

Part number	ID			Spessore parete	OD	Max WP( 23C°)		Min BR		Weight		Ferrule
	in	mm	Dash			bar	psi	inch	mm	gr/m	lb/ft	
TF000T2-03	3/16"	4.8	03	0.9	8.8	275	3988	1.181	30	140	0.094	*
TF000T2-04	1/4"	6.4	04	0.9	10.4	250	3625	1.378	35	183	0.123	*
TF000T2-05	5/16"	7.9	05	0.9	12	225	3263	1.575	40	210	0.141	*
TF000T2-06	3/8"	9.5	06	0.9	13.7	210	3045	1.969	50	243	0.163	*
TF000T2-07	13/32"	10.3	07	0.9	14.6	200	2900	2.362	60	258	0.173	*
TF000T2-08	1/2"	12.7	08	0.9	17	175	2538	2.756	70	374	0.251	*
TF000T2-10	5/8"	15.9	10	1	20.5	160	2320	4.331	110	452	0.304	*
TF000T2-12	3/4"	19	12	1	23.5	140	2030	7.087	180	532	0.358	*
TF000T2-14	7/8"	22.2	14	1.1	27	125	1813	7.874	200	700	0.470	*
TF000T2-16	1"	25.4	16	1.1	30.8	95	1378	11.024	280	730	0.491	*

(\*) - For temperature over 100°C, please contact our technical department

# TUBO P.T.F.E. TIPO THP

## TF00THP

### APPLICATIONS:



### APPLICABLE SPECS.:

SAE 100 R8 - SAE 100 R9 - MIL. H38360

Hose for use with IMM Hydraulics fittings. Standard tail.

**Internal hose:** Conductive extruded black smooth P.T.F.E..

**Covering:** 1 high tensile stainless steel AISI 304 wire braids.

**Operating temperature:** from -70 to +260°C.

Part number	ID		ID	OD	Max WP( 23C°)		Min BP(23C°)		Min BR		Weight		Ferrule
	in	mm	Min	mm	bar	psi	bar	psi	inch	mm	gr/m	lb/ft	
TF00THP-04	1/4"	6	5.6	9.9	345	5003	1276	18502	1.496	38	149	0.100	*
TF00THP-05	5/16"	8	7.8	12.4	345	5003	1241	17995	2.480	63	243	0.163	*
TF00THP-06	3/8"	9.5	10.1	15.6	345	5003	1241	17995	2.874	73	345	0.232	*
TF00THP-08	1/2"	13	12.5	18.5	345	5003	1207	17502	3.228	82	484	0.325	*
TF00THP-10	5/8"	16	15.6	25.1	345	5003	1207	17502	3.858	98	982	0.660	*
TF00THP-14	7/8"	22	22	32.2	345	5003	1172	16994	5.000	127	1518	1.020	*
TF00THP-18	1.1/8"	28.5	28.4	42.1	345	5003	1138	16501	12.008	305	2753	1.850	*
TF00THP-20	1.1/4"	32	34.9	48.2	276	4002	1034	14993	14.016	356	2842	1.910	*

(\*) - our technical department. For impulse pressure, reduce the operating pressure by 69 bar. For use at a constant temperature of + 204 ° C, the max operating pressure for all diameters is 207 bar .

# TUBO P.T.F.E. CORRUGATO TIPO LTC

## TF00LTC

**APPLICATIONS:**


Hose for use with IMM Hydraulics fittings. Standard tail.

**Internal hose:** Convoluted P.T.F.E. core.

**Covering:** 1 high tensile stainless steel AISI 304 wire braids.

**Operating temperature:** from -70 to +260°C.

Part number	ID		ID Min	Spessore parete	OD mm	Tolerance mm	Max WP( 23C°)		Min BR		Weight		Ferrule
	in	mm					bar	psi	inch	mm	gr/m	lb/ft	
	TF00LTC-06	3/8"	9.5	06	0.9	15.5	0.5	125	1813	0.787	20	102	0.069
TF00LTC-08	1/2"	12.7	08	0.9	18.5	0.5	110	1595	0.984	25	121	0.081	PTFE-08-C
TF00LTC-10	5/8"	15.9	10	0.9	22.5	0.5	80	1160	1.969	50	136	0.091	PTFE-10-C
TF00LTC-12	3/4"	19	12	0.9	26.7	0.7	70	1015	2.559	65	228	0.153	PTFE-12-C
TF00LTC-16	1"	25.4	16	1.1	33.7	0.7	50	725	3.543	90	281	0.189	PTFE-16-C
TF00LTC-20	1 1/4"	31.8	20	1.02	40.7	0.8	34	493	5.000	127	347	0.233	PTFE-20-C
TF00LTC-24	1 1/2"	38.1	24	1.12	48.3	0.8	30	435	5.984	152	473	0.318	PTFE-24-C
TF00LTC-32	2"	50.8	32	1.2	61.5	0.8	23	334	7.874	200	549	0.369	PTFE-32-C

(\*) - For temperature over 100°C, please contact our technical department

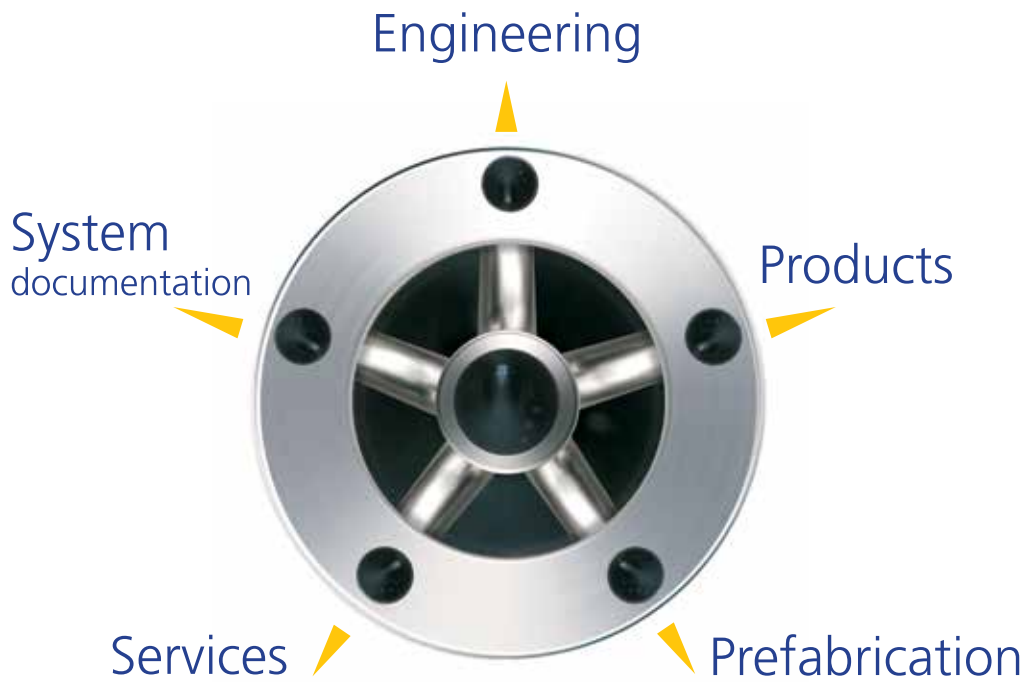






**GS-Hydro** is the original provider of non-welded piping solutions with numerous benefits for a wide variety of demanding applications. We create value together with our customers by providing innovative fluid transfer solutions which enable safe operation, reduced environmental impact and lower total cost of ownership. We deliver our piping and hose solutions globally in more than twenty-five countries through own companies and partners.

## GS-Hydro system offering



8990306617 Product Offering Hydraulic Hoses, Dec 2018



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