

# Index by Model



**TFD0011**



Hydess 15N

14

**TFD0021**



Hydess 25N

15

**TFE001K**



INTERPUMP Hydess 15C

16

**TFE002K**



INTERPUMP Hydess 25C

17

**TFA201K**



Hydess EASY K 15C

18

**TFA202K**



Hydess EASY K 25C

19



**TFD04SP**



Hydess 4SP

20

**TFDM4SP**



INTERPUMP Hydess 4SP

21

**TFDM4SH**



INTERPUMP Hydess 4SH

22

**TFD04SH**



INTERPUMP Hydess 4SH

23

**TFSM012**



INTERPUMP Hydess R12

24



**TF50003**



EN854 SAE 100R3

25

**TFD02TE**



Hydess 2TE

26

**TFD03TE**



EN 854 3TE

27

**TF50006**



Hydess UniLock

28



**TF50004**



INTERPUMP Hy-VACUUM - SAE 100R4

29

**TFS0005**

SAE 100R5

30

**TFS0017**INTERPUMP Hypress  
R17

31

**TFSM013**INTERPUMP Hypress  
R13

32

**TFSM015**INTERPUMP Hypress  
R15

33

# 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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	1.969	
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
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.

**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	1.057
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 mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	
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	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
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.



# 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	
TFSM013-06	3/8"	9.5	6	21.0	690	10005	2760	40020	150	5.906	0.880	0.591	00S4-06
TFSM013-08	1/2"	12.7	8	24.0	690	10005	2760	40020	200	7.874	1.150	0.772	00S4-08
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**