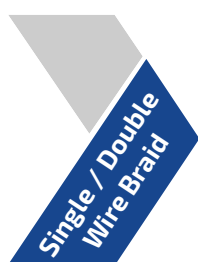


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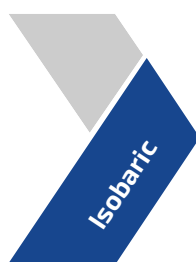


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Hypress 1SN TFD0011



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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	0.317	0.213	0022-03
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	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.

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			bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
				mm									
TFE002K-04	1/4"	6.4	4	13.3	400	5800	1600	23200	50	1.969	0.281	0.189	001C-04
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.

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	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 EN 857 - 1SC DN 19 I.D. 3/4" - W.P. 105 BAR/3118 PSI

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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	001C-04
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 Easy K EN 857 - 2SC DN 6 I.D. 1/4" - W.P. 400 BAR/5800 PSI

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 mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	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	0009-04
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 mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	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	004N-12
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	004N-12
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	0009-06
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			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	0003-03
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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	0007-03
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	0003-03
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	Max WP		Max WP Unilock		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0006-03	3/16"	4.8	3	11.9	34	490	-	-	50	1.969	0.099	0.067	0007-03
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"

ih INTERPUMP **Hy-Vacuum** **SAE 100 R4 - DN 19 I.D. 3/4" - W.P. 21 BAR/300 PSI**

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	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.

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 mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	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	0.389	0019-04
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	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		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	10.433	1.573	1.057	*
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