

International Standard



Single / Double
Wire Braid

TFD0012



Hypress One 1SN

4

TFD0022



Hypress Two 2SN

5

TFE001K



INTERPUMP Hypress
1SC

6

TFE002K



INTERPUMP Hypress
2SC

7

TFA201K



Hypress EASY K 1SC

8

TFA202K



Hypress EASY K 2SC

9

Isobaric

TFS0017



INTERPUMP Hypress
R17

10

Four Wire
Spiral

TFD04SP



Hypress 4SP

11

TFDM4SP



INTERPUMP Hypress
4SP

12

TFSM012



INTERPUMP Hypress
R12

13

Textile

TFS0006



Hypress UniLock

14

TFE02TE



Hypress 2TE

15

TFS0003



EN854 SAE 100R3

16

TFD03TE



EN 854 3TE

17

Suction Line

TFS0004



INTERPUMP Hy-VACUUM - SAE 100R4

18



TFS0005



SAE 100R5

19

INTERPUMP Hypress One 1SN

TFD0012

APPLICATIONS :



APPLICABLE SPECS. :

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

NO-SKIVE hose. Exceed Burst specification. Impulse tested up to double requirement. Reduced bending radius. Lightness.

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		OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFD0012-04	1/4"	6.4	12.8	225	3263	900	13052	50	1.97	0.198	0.133	001C-04
TFD0012-05	5/16"	8.0	14.4	215	3118	860	12472	60	2.36	0.237	0.159	001C-05
TFD0012-06	3/8"	9.5	16.9	180	2610	720	10440	70	2.76	0.301	0.202	001C-06
TFD0012-08	1/2"	12.7	19.9	160	2320	640	9280	90	3.54	0.361	0.242	001C-08
TFD0012-10	5/8"	16.0	23.1	130	1885	520	7540	100	3.94	0.456	0.305	001C-10
TFD0012-12	3/4"	19.0	27.2	105	1523	420	6092	120	4.72	0.574	0.384	001C-12
TFD0012-16	1 "	25.4	35.2	88	1276	352	5104	150	5.91	0.848	0.568	001C-16
TFD0012-20	1.1/4"	31.8	42.6	63	914	250	3625	210	8.27	1.080	0.723	001C-20
TFD0012-24	1.1/2"	38.1	49.6	50	725	200	2900	250	9.84	1.340	0.897	001C-24
TFD0012-32	2"	50.8	63.0	40	580	160	2320	320	12.60	1.840	1.232	001C-32



Available with steel plated braided sleeve version (in case of order use code TFC0012) or stainless steel braided sleeve version (in case of order use code TFI0012)

MARKING: Available also embossed brand version. In case of order use TFD0012N.

INTERPUMP Hypress Two 2SN

TFD0022

APPLICATIONS :



APPLICABLE SPECS. :

EXCEEDS EN 853 2SN - SAE 100R2AT - ISO 1436 2SN

NO-SKIVE hose. Exceed Burst specification. Impulse tested up to double requirement. Reduced bending radius. Lightness.

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												
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	Ferrule
TFD0022-04	1/4"	6.4	14.3	400	5800	1600	23200	50	1.97	0.323	0.216	0022-04
TFD0022-05	5/16"	8.0	15.9	350	5075	1400	20300	60	2.36	0.380	0.254	0022-05
TFD0022-06	3/8"	9.5	18.5	330	4785	1320	19200	70	2.76	0.474	0.317	0022-06
TFD0022-08	1/2"	12.7	21.5	275	3988	1100	15952	90	3.54	0.561	0.376	0022-08
TFD0022-10	5/8"	16.0	24.7	250	3625	1000	14500	100	3.94	0.623	0.437	0022-10
TFD0022-12	3/4"	19.0	28.8	215	3118	860	12472	120	4.72	0.850	0.569	0022-12
TFD0022-16	1 "	25.4	37.2	165	2393	660	9572	150	5.91	1.279	0.856	0022-16
TFD0022-20	1.1/4"	31.8	46.5	125	1813	500	7250	210	8.27	1.855	1.242	0022-20
TFD0022-24	1.1/2"	38.1	53.1	90	1305	360	5220	250	9.84	2.015	1.349	0022-24
TFD0022-32	2"	50.8	65.8	80	1160	320	4640	320	12.60	2.690	1.800	0022-32



Available with steel plated braided sleeve version (in case of order use code TFC0022) or stainless steel braided sleeve version (in case of order use code TFI0022)

Available also embossed brand version. In case of order use TFD0022N.

INTERPUMP Hypress 1SC

TFE001K

APPLICATIONS :



APPLICABLE SPECS. :

EXCEED EN 857 1SC - ISO 11237

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		OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFE001K-03	3/16"	4.8	10.7	225	3263	900	13050	40	1,57	0.150	0.101	001C-03
TFE001K-04	1/4"	6.4	12.3	225	3263	900	13050	50	1.969	0.182	0.122	001C-04
TFE001K-05	5/16"	8.0	13.5	215	3118	860	12325	55	2.165	0.203	0.136	001C-05
TFE001K-06	3/8"	9.5	15.7	180	2610	720	10440	60	2.362	0.248	0.167	001C-06
TFE001K-08	1/2"	12.7	18.9	160	2320	640	9280	70	2.756	0.341	0.229	001C-08
TFE001K-10	5/8"	16.0	22.4	130	1885	520	7540	90	3.543	0.421	0.283	001C-10
TFE001K-12	3/4"	19.0	25.9	105	1523	420	6090	100	3.937	0.492	0.330	001C-12
TFE001K-16	1 "	25.4	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 2SC

TFE002K

APPLICATIONS :



TYPE APPROVAL :

LLOYD'S



APPLICABLE SPECS. :

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

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.

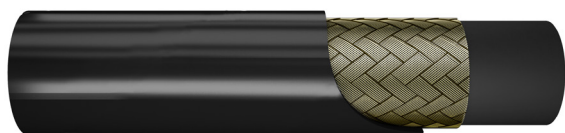
Part number	ID		OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFE002K-04	1/4"	6.4	13.3	400	5800	1600	23200	50	1.969	0.281	0.189	001C-04
TFE002K-05	5/16"	8.0	14.8	350	5075	1400	20300	55	2.165	0.327	0.220	001C-05
TFE002K-06	3/8"	9.5	17.1	330	4785	1320	19140	65	2.559	0.418	0.281	001C-06
TFE002K-08	1/2"	12.7	20.4	275	3988	1100	15950	90	3.543	0.525	0.353	001C-08
TFE002K-10	5/8"	16.0	23.5	250	3625	1000	14500	100	3.937	0.627	0.421	001C-10
TFE002K-12	3/4"	19.0	27.6	215	3118	860	12470	120	4.724	0.782	0.526	001C-12
TFE002K-16	1 "	25.4	35.8	165	2393	660	9570	150	5.906	1.176	0.790	001C-16

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: 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 +100°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	
TFA201K-04	1/4"	6.4	12.3	225	3263	900	13050	75	2.953	0.182	0.122	001C-04
TFA201K-05	5/16"	8.0	13.5	215	3118	860	12470	85	3.346	0.203	0.136	001C-05
TFA201K-06	3/8"	9.5	15.7	180	2610	720	10440	90	3.543	0.248	0.167	001C-06
TFA201K-08	1/2"	12.7	18.9	160	2320	640	9280	130	5.118	0.341	0.229	001C-08
TFA201K-10	5/8"	16.0	22.4	130	1885	520	7540	150	5.906	0.421	0.283	001C-10
TFA201K-12	3/4"	19.0	25.9	105	1523	420	6090	180	7.087	0.491	0.330	001C-12
TFA201K-16	1 "	25.4	33.7	88	1276	352	5104	230	9.056	0.740	0.499	001C-16

MARKING: Mylar version

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

APPLICATIONS :



Hypress EASY K 2SC

TFA202K



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: 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 +100°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	
TFA202K-04	1/4"	6.4	13.3	400	5800	1600	23200	75	2.953	0.281	0.189	001C-04
TFA202K-05	5/16"	8.0	14.8	350	5075	1400	20300	85	3.346	0.327	0.220	001C-05
TFA202K-06	3/8"	9.5	17.1	330	4785	1320	19140	90	3.543	0.418	0.281	001C-06
TFA202K-08	1/2"	12.7	20.0	275	3988	1100	15950	130	5.118	0.525	0.353	001C-08
TFA202K-10	5/8"	16.0	23.2	250	3625	1000	14500	170	6.693	0.627	0.421	001C-10
TFA202K-12	3/4"	19.0	27.6	215	3118	860	12470	200	7.874	0.782	0.526	001C-12
TFA202K-16	1 "	25.4	35.8	165	2393	660	9570	250	9.843	1.176	0.790	001C-16

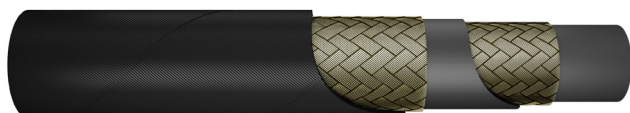
Mylar version

|| Hypress Easy K EN 857 - 2SC DN 6 I.D. 1/4" - W.P. 400 BAR/5800 PSI

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												
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0017-03	3/16"	4.8	10.5	210	3045	840	12180	40	0.787	0.150	0.101	001C-03
TFS0017-04	1/4"	6.4	12.3	210	3045	840	12180	50	1.969	0.185	0.124	001C-04
TFS0017-05	5/16"	7.9	13.5	210	3045	840	12180	55	2.165	0.196	0.132	001C-05
TFS0017-06	3/8"	9.5	15.7	210	3045	840	12180	65	2.559	0.256	0.172	001C-06
TFS0017-08	1/2"	12.7	19.4	210	3045	840	12180	90	3.543	0.378	0.254	001C-08
TFS0017-10	5/8"	16.0	23.5	210	3045	840	12180	100	3.937	0.624	0.419	001C-10
TFS0017-12	3/4"	19.0	27.6	210	3045	840	12180	120	4.724	0.764	0.513	001C-12
TFS0017-16	1 "	25.4	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

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		OD	Max WP		Min BP		Min BR		Weight	
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
TFD04SP-04	1/4"	6.4	17.8	450	6525	1800	26100	150	5.906	0.592	0.398
TFD04SP-06	3/8"	9.5	21.2	445	6453	1780	25810	180	7.087	0.790	0.531
TFD04SP-08	1/2"	12.7	24.3	415	6018	1660	24070	230	9.055	0.940	0.632
TFD04SP-10	5/8"	16.0	28.0	350	5075	1400	20300	250	9.843	1.125	0.756
***TFD04SP-12	3/4"	19.0	32.0	350	5075	1400	20300	300	11.811	1.497	1.006
***TFD04SP-16	1 "	25.4	39.5	280	4060	1120	16240	340	13.386	2.150	1.445
***TFD04SP-20	1.1/4"	31.8	50.8	210	3045	840	12180	460	18.11	3.157	2.122
***TFD04SP-24	1.1/2"	38.1	57.2	185	2683	740	10730	560	22.047	3.713	2.495
***TFD04SP-32	2 "	50.8	69.8	165	2393	660	9570	660	25.984	4.870	3.273



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 TFIM4SP)

***Biological oils compatibility

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

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		OD	Max WP		Min BP		Min BR		Weight	
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
TFDM4SP-04	1/4"	6.4	17.8	450	6525	1800	26100	150	5.906	0.592	0.398
TFDM4SP-06	3/8"	9.5	21.2	445	6453	1780	25810	180	7.087	0.790	0.531
TFDM4SP-08	1/2"	12.7	24.3	415	6018	1660	24070	230	9.055	0.940	0.632
TFDM4SP-10	5/8"	16.0	28.0	350	5075	1400	20300	250	9.843	1.125	0.756
TFDM4SP-12	3/4"	19.0	32.0	350	5075	1400	20300	300	11.811	1.497	1.006
TFDM4SP-16	1 "	25.4	39.5	280	4060	1120	16240	340	13.386	2.150	1.445
TFDM4SP-20	1.1/4"	31.8	50.8	210	3045	840	12180	460	18.11	3.157	2.122
TFDM4SP-24	1.1/2"	38.1	57.2	185	2683	740	10730	560	22.047	3.713	2.495
TFDM4SP-32	2 "	50.8	69.8	165	2393	660	9570	660	25.984	4.870	3.273



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 TFIM4SP)

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

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

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 petroleum based fluids (Intermittent 125°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	
TFSM012-06	3/8"	9.5	20.2	280	4060	1580	22910	95	3.74	0.717	0.482	0009-06
TFSM012-08	1/2"	12.7	23.8	280	4060	1400	20300	110	4.331	0.881	0.592	0009-08
TFSM012-10	5/8"	16.0	27.4	280	4060	1300	18850	130	5.118	1.049	0.705	0009-10
TFSM012-12	3/4"	19.0	30.6	280	4060	1300	18850	145	5.709	1.222	0.821	0009-12 (*)
TFSM012-16	1 "	25.4	37.9	280	4060	1200	17400	210	8.268	1.795	1.207	0009-16 (*)
TFSM012-20	1.1/4"	31.8	47.5	210	3045	1000	14500	240	9.449	2.780	1.868	0009-20
TFSM012-24	1.1/2"	38.1	53.8	176	2552	1000	14500	480	18.898	3.230	2.171	0009-24
TFSM012-32	2 "	50.8	67.0	176	2552	850	12325	600	23.622	4.290	2.883	004H-32

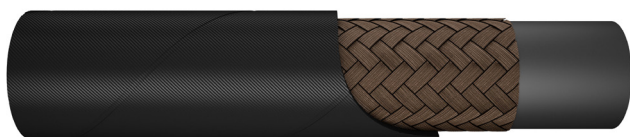
Available also embossed brand version. In case of order use TFSM012N.

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

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.

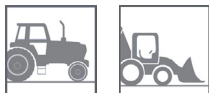
											
Part number	ID		Max WP		Max WP Unilock		Min BR		Weight		Ferrule
	in	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFS0006I03	3/16"	4.8	34	490	-	-	50	1.969	0.099	0.067	0007-03
TFS0006I04	1/4"	6.4	28	400	28	400	65	2.559	0.100	0.067	0007-04
TFS0006I05	5/16"	8.0	28	400	* - on request		75	2.953	0.125	0.084	0007-05
TFS0006I06	3/8"	9.5	28	400	28	400	75	2.953	0.150	0.101	0007-06
TFS0006I08	1/2"	12.7	28	400	28	400	100	3.937	0.200	0.134	0007-08
TFS0006I10	5/8"	16.0	24	350	-	-	125	4.921	0.250	0.168	0007-10
TFS0006I12	3/4"	19.0	21	300	21	305	150	5.906	0.300	0.202	0007-12
TFS0006I16	1 "	25.4	20	290	12	174	135	5.315	0.450	0.302	0007-16

MARKING: White ink-jet branded (customization not possible)

Hypress 2TE

TFE02TEI

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		OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm	mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
TFE02TEI03	3/16"	4.8	11.8	80	1160	320	4640	35	1.378	0.118	0.079	0003-03
TFE02TEI04	1/4"	6.4	13.4	75	1088	300	4350	40	1.575	0.140	0.094	0007-04
TFE02TEI05	5/16"	8.0	14.9	68	986	272	3944	50	1.969	0.154	0.103	0007-05
TFE02TEI06	3/8"	9.5	16.5	63	914	252	3654	60	2.362	0.179	0.120	0007-06
TFE02TEI08	1/2"	12.7	19.7	58	841	232	3364	70	2.756	0.226	0.152	0007-08
TFE02TEI10	5/8"	16.0	23.9	50	725	200	2900	90	3.543	0.312	0.210	0007-10
TFE02TEI12	3/4"	19.0	27.0	45	653	180	2610	110	4.331	0.342	0.230	0007-12
TFE02TEI16	1 "	25.4	34.4	40	580	160	2320	150	5.906	0.483	0.325	0007-16

MARKING: White ink-jet branded (customization not possible)

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.

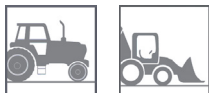
Operating temperature: from -40 to + 100° C petroleum based fluids, from -40 to +70° C for water based fluids.

												
Part number	ID		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	12.7	103	1494	412	5974	76	2.992	0.129	0.087	0003-03
TFS0003-04	1/4"	6.4	14.3	86	1247	344	4988	80	3.15	0.160	0.108	0003-04
TFS0003-05	5/16"	8.0	17.5	83	1204	332	4814	102	4.016	0.250	0.168	0003-05
TFS0003-06	3/8"	9.5	19.1	78	1131	312	4524	102	4.016	0.280	0.188	0003-06
TFS0003-08	1/2"	12.7	23.8	69	1001	276	4002	127	5	0.410	0.276	0003-08
TFS0003-10	5/8"	16.0	27.0	60	870	240	3480	140	5.512	0.470	0.316	0003-10
TFS0003-12	3/4"	19.0	31.8	52	754	208	3016	152	5.984	0.650	0.437	0003-12
TFS0003-16	1 "	25.4	38.1	39	566	156	2262	203	7.992	0.830	0.558	0003-16
TFS0003-20	1.1/4"	31.8	44.5	26	377	104	1508	254	10	1.000	0.672	0003-20

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		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	12.8	160	2320	640	9280	40	1.575	0.200	0.134	0003-03
TFD03TE-04	1/4"	6.4	14.4	145	2103	580	8410	45	1.772	0.180	0.121	0003-04
TFD03TE-05	5/16"	8.0	16.9	130	1885	520	7540	55	2.165	0.240	0.161	0003-05
TFD03TE-06	3/8"	9.5	18.5	110	1595	440	6380	70	2.756	0.260	0.175	0003-06
TFD03TE-08	1/2"	12.7	21.7	93	1349	372	5394	85	3.346	0.330	0.222	0003-08
TFD03TE-10	5/8"	16.0	25.9	80	1160	320	4640	105	4.134	0.440	0.296	0003-10
TFD03TE-12	3/4"	19.0	29.0	70	1015	280	4060	130	5.118	0.490	0.329	0003-12
TFD03TE-16	1 "	25.4	35.9	55	798	220	3190	150	5.906	0.670	0.450	0003-16
TFD03TE-20	1.1/4"	31.8	42.3	45	653	180	2610	190	7.48	0.830	0.558	0003-20
TFD03TE-24	1.1/2"	38.1	49.6	40	580	160	2320	240	9.449	1.050	0.706	0003-24
TFD03TE-32	2 "	50.8	62.3	33	479	132	1914	300	11.811	0.200	0.134	*

INTERPUMP Hy-VACUUM - SAE 100R4

TFS0004

APPLICATIONS :



APPLICABLE SPECS. :

SAE 100R4

Biological oils compatibility - High Ozone Resistance - Half Bend Radius

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, glycol-water based, lubricants.

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

												
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	
TFS0004-12	3/4"	19.0	29.0	21	315	84	1260	60	2.4	0.610	0.410	*
TFS0004-16	1 "	25.0	35.0	17	255	68	1020	75	3.0	0.750	0.510	*
TFS0004-20	1.1/4"	32.0	42.0	14	210	56	840	100	3.9	0.920	0.620	*
TFS0004-24	1.1/2"	38.0	48.5	105	158	42	630	127	5.0	1.140	0.770	*
TFS0004-32	2 "	51.0	63.0	7	105	28	420	150	5.9	1.810	1.210	*
TFS0004-40	2.1/2"	63.5	76.0	4	60	16	240	178	7.0	2.430	1.640	*
TFS0004-48	3 "	76.0	89.0	4	60	16	240	230	9.1	2.990	2.010	*

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 63 I.D. 2 1/2" - W.P. 4 BAR/62 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.

MARKING: White ink-jet branded (customization not possible)