



Thermoplastic



TFS0007



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One high tensile steel
wire braid

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Two high tensile steel
wire braids

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SAE 100R7

TFS0007

APPLICATIONS :



APPROVALS :

MSHA

APPLICABLE SPECIFICATIONS

Exceed SAE 100R7 - ISO 3949 R7

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

Inner tube: Polyester elastomer.

Reinforcement: One or two braids of synthetic fiber.

Coverage: Polyurethane, black, pinpricked, white ink-jet branding.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS0007-02	1/8"	4	02	8.3	210	3045	840	12180	25	0.984	0.050	0.034	*
TFS0007-03	3/16"	5	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	160	2320	640	9280	55	2.165	0.145	0.097	0007-06
TFS0007-08	1/2"	13	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	1522	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	70	1015	280	4060	190	7.480	0.455	0.305	0007-16

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)



One high tensile steel wire braid

TFS00H1



APPLICATIONS :



APPROVALS :

MSHA

APPLICABLE SPECIFICATIONS

SAE 100R1 - MEETS OR EXCEEDS PRESSURE LEVEL
OF EN 853 1SN - EN 857 1SC

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

Inner tube: Polyester elastomer.

Reinforcement: One braid of steel wire.

Coverage: Polyurethane, black, white ink-jet branding.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS00H1-03	3/16"	5	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	08	18.8	190	2755	760	11020	85	3.346	0.300	0.202	0008-08
TFS00H1-10	5/8"	16.3	10	22	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 braids

APPLICATIONS :



TFS00H2



APPROVALS :

MSHA

APPLICABLE SPECIFICATIONS

MEETS OR EXCEEDS SAE 100R2 PERFORMANCE

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

Inner tube: Polyester elastomer.

Reinforcement: Two braid of steel wire.

Coverage: Polyurethane, black, white ink-jet branding.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		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	0.165	0022-04
TFS00H2-06	3/8"	9.8	06	16.8	330	4785	1320	19140	65	2.559	0.37	0.249	0022-06
TFS00H2-08	1/2"	13	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	0.56	0.376	0022-10
TFS00H2-12	3/4"	19.5	12	27.5	150	2175	660	9570	170	6.693	0.7	0.470	0022-12

Available also in twin version (in case of order use code T2S00H2).



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



SAE 100R8

TFS0008



APPLICATIONS :



APPROVALS :

MSHA

APPLICABLE SPECIFICATIONS

Exceed SAE 100R8 - ISO 3949 R8

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

Inner tube: Polyester elastomer.

Reinforcement: One or two braids of aramid fiber.

Coverage: Polyurethane, black, pinpricked, white ink-jet branding.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS0008-02	1/8"	4	02	8	420	6090	1680	24360	25	0.984	0.045	0.03	0008-02
TFS0008-03	3/16"	5	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	1.968	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	08	19.9	245	3552	980	14210	80	3.15	0.2	0.134	0008-08
TFS0008-10	5/8"	16.3	10	23.4	200	2900	800	11600	125	4.921	0.25	0.168	0008-10
TFS0008-12	3/4"	19.5	12	27.1	165	2392	660	9570	150	5.906	0.32	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 T2S0008).



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).



R18 Low temperature

APPLICATIONS :



TFS0018



APPLICABLE SPECIFICATIONS

Meets or exceeds SAE 100R18

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

Inner tube: Polyester elastomer.

Reinforcement: One or two braids of synthetic fiber.

Coverage: Special polyester.

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

working temperature: from -55 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS0018-03	3/16"	5	03	9.6	210	3045	840	12180	25	0.984	0.060	0.040	0008-03
TFS0018-04	1/4"	6.5	04	12.2	210	3045	840	12180	35	1.378	0.095	0.064	0008-04
TFS0018-05	5/16"	8.1	05	14.3	210	3045	840	12180	45	1.772	0.130	0.087	0008-05
TFS0018-06	3/8"	9.7	06	16.6	210	3045	840	12180	45	1.772	0.165	0.111	0008-06
TFS0018-08	1/2"	13	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	*

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

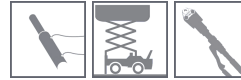


INTERPUMP HyUltra

TFS00HP



APPLICATIONS :



APPROVALS :

MSHA

APPLICABLE SPECIFICATIONS

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.

Inner tube: Polyester elastomer.

Reinforcement: One or two braid of aramid fiber plus one steel braid.

Coverage: Polyurethane, black, white ink-jet branding.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS00HP-04	1/4"	6.6	04	12.7	700	10150	2800	40600	35	1.377	0.180	0.121	0019-04
TFS00HP-06	3/8"	9.8	06	18.7	700	10150	2800	40600	90	3.543	0.330	0.222	*

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

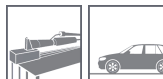
Available also in 'No conductive' version (in case of order use code TFSNCHP). NO MSHA.



Mini-flexible

TFS00MP

APPLICATIONS :



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

Inner tube: Polyester elastomer.

Reinforcement: One braid of aramid fiber.

Coverage: Antigrip polyurethane, black, pinpricked.

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

working temperature: from -40 to +100°C continuous for air and water based fluids.

Product number	ID		Dimension	OD	Max WP		Min BP		Min BR		Weight (approx)		Ferrule
	in	mm	dash size		bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFS00MP-012	5/64"	2.0	02	5.0	630	9135	1900	27550	20	0.787	0.02	0.013	*
TFS00MP-020	1/8"	3.0	03	6.0	630	9135	1900	27550	30	1.181	0.025	0.017	*
TFS00MP-025	5/32"	4.0	04	8.0	630	9135	1900	27550	40	1.575	0.045	0.030	*

Available also in twin version (in case of order use code T2S00MP).

