

Hydraulic & Offshore Supplies



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Hydraulic Hose Catalogue



"We have set out to be the best specialist supplier of hydraulic tube, fittings, instrumentation and pipeline materials you will ever want to deal with."

Alan Wills · Managing Director

● ● ● ● ● ● Braided

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EN 853
DIN 20022



TFD0001
EN 853 1ST
DIN 20022

TFD0011
EN 853 1SN
DIN 20022

TFC0011
EN 853 1SN
DIN 20022

TFI0011
EN 853 1SN
DIN 20022

TFD0002
EN 853 2ST
DIN 20022

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EN 853
DIN 20022



TFD0021
EN 853 2SN
DIN 20022

TFC0021
EN 853 2SN
DIN 20022

TFI0021
EN 853 2SN
DIN 20022

THD0021
2SN
KAIZEN

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EN 857



TFE001K
EN 857 1SC

TFE002K
EN 857 2SC

THE002K
2SC
HIPAC

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Cleaning



TFN0011
Cleaning - Exceed
EN 857 1SN

TFB0011
Cleaning - Exceed
EN 857 1SN

TFN0021
Cleaning - Exceed
EN 857 2SN

TFB0021
Cleaning - Exceed
EN 857 2SN

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Cleaning



TFN001K
Cleaning - Exceed
EN 857 1SC

TFB001K
Cleaning - Exceed
EN 857 1SC

TFN002K
Cleaning - Exceed
EN 857 2SC

TFB002K
Cleaning - Exceed
EN 857 2SC

SAE 100
R17



TFS0017
SAE 100 - R17
SAE J517

Dimensions and general characteristics may be changed at any time without prior notice.

Data contained herein are for information purpose only, and it does not enlarge, amend or imply any warranty other than provided by us with the product

Any use of the product not in conformance with our instructions may be dangerous.

TFD0001 EN 853 1ST - DIN 20022 - exceed SAE 100 R1A



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 1 treccia acciaio.

Reinforcement: 1 steel wire braid.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFD0001-03	3/16"	4.8	03	12.7	250	3625	1000	14500	90	3.543	0.210	0.141	
TFD0001-04	1/4"	6.4	04	15.9	225	3263	900	13050	100	3.937	0.300	0.202	
TFD0001-05	5/16"	8.0	05	17.5	215	3118	850	12325	115	4.528	0.350	0.235	
TFD0001-06	3/8"	9.5	06	19.8	180	2610	720	10440	130	5.118	0.430	0.289	
TFD0001-08	1/2"	12.7	08	23.0	160	2320	640	9280	180	7.087	0.540	0.363	
TFD0001-10	5/8"	16.0	10	26.2	130	1885	520	7540	200	7.874	0.640	0.430	
TFD0001-12	3/4"	19.0	12	30.2	105	1523	420	6090	240	9.449	0.800	0.538	
TFD0001-16	1 "	25.4	16	38.1	88	1276	350	5075	300	11.811	1.170	0.786	
TFD0001-20	1.1/4"	31.8	20	46.0	63	914	250	3625	420	16.535	1.450	0.974	
TFD0001-24	1.1/2"	38.1	24	52.4	50	725	200	2900	500	19.685	1.770	1.189	
TFD0001-32	2 "	50.8	32	66.7	40	580	160	2320	630	24.803	2.505	1.683	

Boccola Consigliata /
Recommended Ferrule

0001

TFD0011 EN 853 1SN - DIN 20022 - exceed SAE 100 R1AT

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 1 treccia acciaio.

Reinforcement: 1 steel wire braid.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

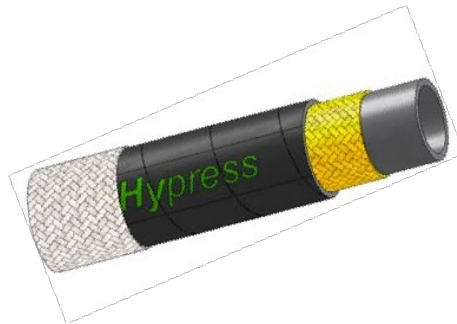
part number			size										List Price £/mt.
	ID			OD	Max WP		Min BP		Min BR		Weight (approx)		
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFD0011-03	3/16"	4.8	03	11.8	250	3625	1000	14500	90	3.543	0.186	0.125	
TFD0011-04	1/4"	6.4	04	13.4	225	3263	900	13050	100	3.937	0.226	0.152	
TFD0011-05	5/16"	8.0	05	15.0	215	3118	850	12325	115	4.528	0.265	0.178	
TFD0011-06	3/8"	9.5	06	17.4	180	2610	720	10440	130	5.118	0.335	0.225	
TFD0011-08	1/2"	12.7	08	20.6	160	2320	640	9280	180	7.087	0.415	0.279	
TFD0011-10	5/8"	16.0	10	23.7	130	1885	520	7540	200	7.874	0.496	0.333	
TFD0011-12	3/4"	19.0	12	27.7	105	1523	420	6090	240	9.449	0.638	0.429	
TFD0011-16	1 "	25.4	16	35.6	88	1276	350	5075	300	11.811	0.980	0.659	
TFD0011-20	1.1/4"	31.8	20	43.5	63	914	250	3625	420	16.535	1.207	0.811	
TFD0011-24	1.1/2"	38.1	24	50.6	50	725	200	2900	500	19.685	1.560	1.048	
TFD0011-32	2 "	50.8	32	64.0	40	580	160	2320	630	24.803	2.108	1.417	







Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



TFC0011 EN 853 1SN - DIN 20022 - exceed SAE 100 R1AT* Rivestito con Calza Metallica / **With steel plated braided sleeve****Tubo interno:** Gomma sintetica estrusa senza giunzioni e di spessore uniforme.**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness**Rinforzo:** 1 treccia acciaio.**Reinforcement:** 1 steel wire braid.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Temperatura di esercizio:** -40°C +100°C**Operating temperature range:** -40°C to +100°C**Impiego:** particolarmente indicato per applicazioni su macchine utensili e industria del vetro.**Application:** particularly suitable for applications on tool machines and glass industry.

part number			size										List Price £/mt.
	ID			OD	Max WP	Min BP	Min BR	Weight (approx)					
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFC0011-03	3/16"	4.8	03	12.8	250	3625	1000	14500	90	3.543	0.337	0.226	
TFC0011-04	1/4"	6.4	04	14.4	225	3263	900	13050	100	3.937	0.397	0.267	
TFC0011-05	5/16"	8.0	05	16.0	215	3118	850	12325	115	4.528	0.454	0.305	
TFC0011-06	3/8"	9.5	06	18.4	180	2610	720	10440	130	5.118	0.552	0.371	
TFC0011-08	1/2"	12.7	08	21.6	160	2320	640	9280	180	7.087	0.670	0.450	
TFC0011-10	5/8"	16.0	10	24.7	130	1885	520	7540	200	7.874	0.787	0.529	
TFC0011-12	3/4"	19.0	12	28.7	105	1523	420	6090	240	9.449	0.977	0.656	
TFC0011-16	1 "	25.4	16	36.6	88	1276	350	5075	300	11.811	1.376	0.925	
TFC0011-20	1.1/4"	31.8	20	44.5	63	914	250	3625	420	16.535	1.733	1.165	
TFC0011-24	1.1/2"	38.1	24	51.6	50	725	200	2900	500	19.685	2.170	1.458	
TFC0011-32	2 "	50.8	32	65.0	40	580	160	2320	630	24.803	2.875	1.932	

Boccola Consigliata /
Recommended FerruleBoccola Alternativa /
Alternative Ferrule

TFD0002 EN 853 2ST - DIN 20022 - exceed SAE 100 R2A



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 2 trecce acciaio.







Reinforcement: 2 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number			size										List Price £/mt.
	ID	mm		OD	bar	psi	bar	psi	mm	inch	Weight (approx)		
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFD0002-03	3/16"	4.8	03	15.9	415	6018	1650	23925	90	3.543	0.360	0.242	
TFD0002-04	1/4"	6.4	04	17.5	400	5800	1600	23200	100	3.937	0.470	0.316	
TFD0002-05	5/16"	8.0	05	19.1	350	5075	1400	20300	115	4.528	0.510	0.343	
TFD0002-06	3/8"	9.5	06	21.4	330	4785	1320	19140	130	5.118	0.630	0.423	
TFD0002-08	1/2"	12.7	08	24.6	275	3988	1100	15950	180	7.087	0.760	0.511	
TFD0002-10	5/8"	16.0	10	27.8	250	3625	1000	14500	200	7.874	0.920	0.618	
TFD0002-12	3/4"	19.0	12	31.8	215	3118	850	12325	240	9.449	1.130	0.759	
TFD0002-16	1 "	25.4	16	39.7	165	2393	650	9425	300	11.811	1.550	1.042	
TFD0002-20	1.1/4"	31.8	20	50.8	125	1813	500	7250	420	16.535	2.350	1.579	
TFD0002-24	1.1/2"	38.1	24	57.2	90	1305	360	5220	500	19.685	2.700	1.814	
TFD0002-32	2 "	50.8	32	69.8	80	1160	320	4640	630	24.803	3.435	2.308	

Boccola Consigliata /
Recommended Ferrule

0002

TFD0021 EN 853 2SN - DIN 20022 - exceed SAE 100 R2T



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 2 trecce acciaio.

Reinforcement: 2 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

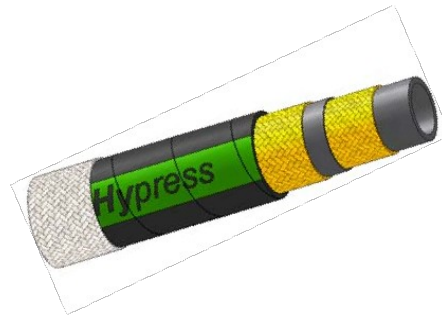
part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
TFD0021-03	3/16"	4.8	03	13.4	415	6018	1650	23925	90	3.543	0.289	0.194	
TFD0021-04	1/4"	6.4	04	15.0	400	5800	1600	23200	100	3.937	0.376	0.253	
TFD0021-05	5/16"	8.0	05	16.6	350	5075	1400	20300	115	4.528	0.412	0.277	
TFD0021-06	3/8"	9.5	06	19.0	330	4785	1320	19140	130	5.118	0.519	0.349	
TFD0021-08	1/2"	12.7	08	22.2	275	3988	1100	15950	180	7.087	0.630	0.423	
TFD0021-10	5/8"	16.0	10	25.4	250	3625	1000	14500	200	7.874	0.780	0.524	
TFD0021-12	3/4"	19.0	12	29.3	215	3118	850	12325	240	9.449	0.959	0.644	
TFD0021-16	1 "	25.4	16	38.1	165	2393	650	9425	300	11.811	1.409	0.947	
TFD0021-20	1.1/4"	31.8	20	48.3	125	1813	500	7250	420	16.535	2.059	1.384	
TFD0021-24	1.1/2"	38.1	24	54.6	90	1305	360	5220	500	19.685	2.385	1.603	
TFD0021-32	2 "	50.8	32	67.3	80	1160	320	4640	630	24.803	3.050	2.050	

Boccola Consigliata /
Recommended Ferrule



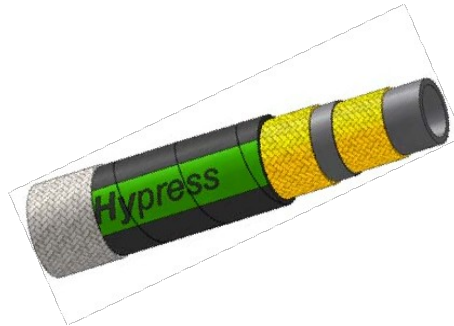
Boccola Alternativa /
Alternative Ferrule



TFC0021 EN 853 2SN - DIN 20022 - exceed SAE 100 R2T* Rivestito con Calza Metallica / **With steel plated braided sleeve****Tubo interno:** Gomma sintetica estrusa senza giunzioni e di spessore uniforme.**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness**Rinforzo:** 2 trecce acciaio.**Reinforcement:** 2 steel wire braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Temperatura di esercizio:** -40°C +100°C**Operating temperature range:** -40°C to +100°C**Impiego:** particolarmente indicato per applicazioni su macchine utensili e industria del vetro.**Application:** particularly suitable for applications on tool machines and glass industry.

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	TFC0021-03	3/16"	4.8	03	14.4	415	6018	1650	23925	90	3.543	0.459	
TFC0021-04	1/4"	6.4	04	16.0	400	5800	1600	23200	100	3.937	0.565	0.380	
TFC0021-05	5/16"	8.0	05	17.6	350	5075	1400	20300	115	4.528	0.620	0.416	
TFC0021-06	3/8"	9.5	06	20.0	330	4785	1320	19140	130	5.118	0.755	0.507	
TFC0021-08	1/2"	12.7	08	23.2	275	3988	1100	15950	180	7.087	0.904	0.607	
TFC0021-10	5/8"	16.0	10	26.4	250	3625	1000	14500	200	7.874	1.092	0.734	
TFC0021-12	3/4"	19.0	12	30.3	215	3118	850	12325	240	9.449	1.317	0.885	
TFC0021-16	1 "	25.4	16	39.1	165	2393	650	9425	300	11.811	1.870	1.257	
TFC0021-20	1.1/4"	31.8	20	49.3	125	1813	500	7250	420	16.535	2.641	1.775	
TFC0021-24	1.1/2"	38.1	24	55.6	90	1305	360	5220	500	19.685	3.041	2.044	
TFC0021-32	2 "	50.8	32	68.3	80	1160	320	4640	630	24.803	3.856	2.591	

Boccola Consigliata /
Recommended FerruleBoccola Alternativa /
Alternative Ferrule

TFI0021 EN 853 2SN - DIN 20022 - exceed SAE 100 R2T* Rivestito con Calza Acc. Inox / **With stainless steel braided sleeve****Tubo interno:** Gomma sintetica estrusa senza giunzioni e di spessore uniforme.**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness**Rinforzo:** 2 trecce acciaio.**Reinforcement:** 2 steel wire braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Temperatura di esercizio:** -40°C +100°C**Operating temperature range:** -40°C to +100°C**Impiego:** particolarmente indicato per applicazioni su macchine utensili e industria del vetro.**Application:** particularly suitable for applications on tool machines and glass industry.

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	TFI0021-03	3/16"	4.8	03	14.4	415	6018	1650	23925	90	3.543	0.482	
TFI0021-04	1/4"	6.4	04	16.0	400	5800	1600	23200	100	3.937	0.593	0.399	
TFI0021-05	5/16"	8.0	05	17.6	350	5075	1400	20300	115	4.528	0.651	0.437	
TFI0021-06	3/8"	9.5	06	20.0	330	4785	1320	19140	130	5.118	0.793	0.533	
TFI0021-08	1/2"	12.7	08	23.2	275	3988	1100	15950	180	7.087	0.949	0.638	
TFI0021-10	5/8"	16.0	10	26.4	250	3625	1000	14500	200	7.874	1.146	0.770	
TFI0021-12	3/4"	19.0	12	30.3	215	3118	850	12325	240	9.449	1.382	0.929	
TFI0021-16	1 "	25.4	16	39.1	165	2393	650	9425	300	11.811	1.964	1.320	
TFI0021-20	1.1/4"	31.8	20	49.3	125	1813	500	7250	420	16.535	2.773	1.863	
TFI0021-24	1.1/2"	38.1	24	55.6	90	1305	360	5220	500	19.685	3.193	2.146	
TFI0021-32	2 "	50.8	32	68.3	80	1160	320	4640	630	24.803	4.049	2.721	

Boccola Consigliata /
Recommended Ferrule

0022

Boccola Alternativa /
Alternative Ferrule

0021

THD0021 HYPRESS KAIZEN - exceed DIN EN 853 2SN

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: oil resistant synthetic rubber.

Rinforzo: 2 trecce in acciaio ad alta resistenza.

Reinforcement: two high tensile steel wire braids.

Copertura esterna: gomma sintetica antiabrasiva resistente agli agenti atmosferici.

External covering: abrasion and weather resistant synthetic rubber.

Temperatura di esercizio: -40°C +120°C

Operating temperature range: -40°C to +120°C

part number			size										List Price £/mt.
	ID			OD	Max WP	Min BP	Min BR	Weight (approx)					
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
THD0021-03	3/16"	4.8	03	13.4	420	6090	1680	24360	90	3.543	0.310	0.208	
THD0021-04	1/4"	6.4	04	15.0	420	6090	1680	24360	100	3.937	0.330	0.222	
THD0021-05	5/16"	8.0	05	16.6	360	5220	1440	20880	115	4.528	0.390	0.262	
THD0021-06	3/8"	9.5	06	19.0	350	5075	1400	20300	130	5.118	0.500	0.336	
THD0021-08	1/2"	12.7	08	22.2	290	4205	1160	16820	180	7.087	0.590	0.396	
THD0021-10	5/8"	16.0	10	25.4	250	3625	1000	14500	200	7.874	0.710	0.477	
THD0021-12	3/4"	19.0	12	29.3	215	3118	860	12470	240	9.449	0.860	0.578	
THD0021-16	1 "	25.4	16	38.1	175	2538	700	10150	300	11.811	1.280	0.860	
THD0021-20	1.1/4"	31.8	20	48.3	140	2030	560	8120	420	16.535	2.020	1.357	
THD0021-24	1.1/2"	38.1	24	54.6	90	1305	360	5220	500	19.685	2.230	1.499	
THD0021-32	2 "	50.8	32	67.3	80	1160	320	4640	630	24.803	2.850	1.915	

Lengths exceeding EN-specification

CERTIFICATO / CERTIFICATE

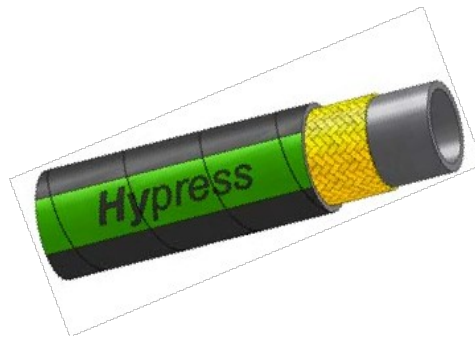
Rapporto di ispezione per prove di tipo / Inspection report for test type

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



TFE001K **Exceed EN 857 1SC**

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 1 treccia acciaio.

Reinforcement: 1 steel wire braid.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number			size										List Price £/mt.
	ID			OD	Max WP		Min BP		Min BR		Weight (approx)		
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFE001K-04	1/4"	6.4	04	12.4	225	3263	900	13050	75	2.953	0.196	0.132	
TFE001K-05	5/16"	8.0	05	14.0	210	3045	840	12180	85	3.346	0.220	0.148	
TFE001K-06	3/8"	9.5	06	15.6	180	2610	720	10440	90	3.543	0.277	0.186	
TFE001K-08	1/2"	12.7	08	18.7	160	2320	640	9280	130	5.118	0.348	0.234	
TFE001K-10	5/8"	16.0	10	21.5	130	1885	520	7540	150	5.906	0.399	0.268	
TFE001K-12	3/4"	19.0	12	25.0	105	1523	420	6090	180	7.087	0.481	0.323	
TFE001K-16	1 "	25.4	16	34.0	88	1276	352	5104	230	9.055	0.680	0.457	

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



TFE002K EN 857 2SC - exceed SAE 100 R16



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 2 trecce acciaio.

Reinforcement: 2 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti e agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number			size										List Price £/mt.
	ID	mm		OD	bar	psi	bar	psi	mm	inch	Weight (approx)		
											Kg/m	lb/ft	
TFE002K-04	1/4"	6.4	04	13.3	400	5800	1600	23200	75	2.953	0.295	0.198	
TFE002K-05	5/16"	8.0	05	14.8	350	5075	1400	20300	85	3.346	0.345	0.232	
TFE002K-06	3/8"	9.5	06	17.1	330	4785	1320	19140	90	3.543	0.415	0.279	
TFE002K-08	1/2"	12.7	08	20.4	275	3988	1100	15950	130	5.118	0.540	0.363	
TFE002K-10	5/8"	16.0	10	23.5	250	3625	1000	14500	170	6.693	0.625	0.420	
TFE002K-12	3/4"	19.0	12	27.6	215	3118	860	12470	200	7.874	0.800	0.538	
TFE002K-16	1 "	25.4	16	35.8	165	2393	660	9570	250	9.843	1.165	0.783	

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



THE002K HYPRESS HIPAC - exceed DIN EN 857 2SC

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: oil resistant synthetic rubber.

Rinforzo: 2 trecce in acciaio ad alta resistenza.

Reinforcement: two high tensile steel wire braids.

Copertura esterna: gomma sintetica antiabrasiva resistente agli agenti atmosferici.

External covering: abrasion and weather resistant synthetic rubber.

Temperatura di esercizio: -40°C +120°C

Operating temperature range: -40°C to +120°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	THE002KN04	1/4"	6.4	04	13.3	430	6235	1720	24940	75	2.953	0.280	
THE002KN05	5/16"	8.0	05	14.8	400	5800	1600	23200	85	3.346	0.330	0.222	
THE002KN-06	3/8"	9.5	06	17.1	350	5075	1400	20300	90	3.543	0.420	0.282	
THE002KN08	1/2"	12.7	08	20.4	310	4495	1240	17980	130	5.118	0.520	0.349	
THE002KN10	5/8"	16.0	10	23.5	280	4060	1120	16240	170	6.693	0.610	0.410	
THE002KN12	3/4"	19.0	12	27.6	240	3480	960	13920	200	7.874	0.790	0.531	
THE002KN16	1 "	25.4	16	35.8	185	2683	740	10730	250	9.843	1.100	0.739	

Lengths exceeding EN-specification

CERTIFICATO / CERTIFICATE

Rapporto di ispezione per prove di tipo / Inspection report for test type

Boccola Consigliata /
Recommended Ferrule

001C

Boccola Alternativa /
Alternative Ferrule

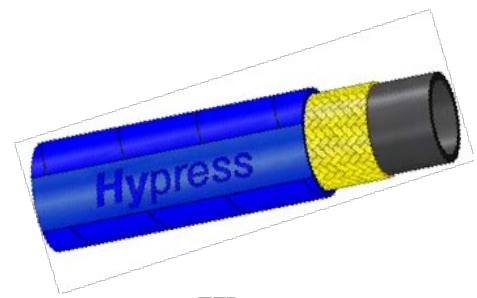
0022

TFN0011
TFB0011

Cleaning - Exceed EN 853 1SN



TFN



TFB

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 1 treccia acciaio.

Reinforcement: 1 steel wire braid.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +155°C

Operating temperature range: -40°C to +155°C

part number			size											List Price £/mt.
	ID			OD	Max WP		Min BP		Min BR		Weight (approx)			
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
Nero - Black														
TFN0011-04	1/4"	6.4	04	13.4	250	3625	750	10875	100	3.937	0.186	0.125		
TFN0011-05	5/16"	8.0	05	15.0	250	3625	750	10875	115	4.528	0.265	0.178		
TFN0011-06	3/8"	9.5	06	17.4	250	3625	750	10875	130	5.118	0.335	0.225		
TFN0011-08	1/2"	12.7	08	20.6	250	3625	750	10875	180	7.087	0.415	0.279		
Blu - Blue														
TFB0011-04	1/4"	6.4	04	13.4	250	3625	750	10875	100	3.937	0.186	0.125		
TFB0011-05	5/16"	8.0	05	15.0	250	3625	750	10875	115	4.528	0.265	0.178		
TFB0011-06	3/8"	9.5	06	17.4	250	3625	750	10875	130	5.118	0.335	0.225		
TFB0011-08	1/2"	12.7	08	20.6	250	3625	750	10875	180	7.087	0.415	0.279		

Disponibile su tutti i diametri anche la versione con pressioni di esercizio superiori. Fattore di sicurezza 1:3

Available, on all sizes, the high pressure version with advanced work pressure. Safety factor 1:3.

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



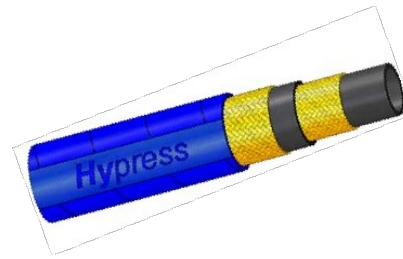
TFN0021

TFB0021

Cleaning - Exceed EN 853 2SN



TFN



TFB

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 2 trecce acciaio.

Reinforcement: 2 steel wire braids.

Copertura esterna: Gomma sintetica perforata resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +155°C

Operating temperature range: -40°C to +155°C

part number			size										List Price £/mt.
	ID			OD	Max WP	Min BP	Min BR	Weight (approx)					
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
Nero - Black													
TFN0021-04	1/4"	6.4	04	15.0	400	5800	1200	17400	100	3.937	0.376	0.253	
TFN0021-05	5/16"	8.0	05	16.6	400	5800	1200	17400	115	4.528	0.412	0.277	
TFN0021-06	3/8"	9.5	06	19.0	400	5800	1200	17400	130	5.118	0.519	0.349	
TFN0021-08	1/2"	12.7	08	22.2	400	5800	1200	17400	180	7.087	0.630	0.423	
Blu - Blue													
TFB0021-04	1/4"	6.4	04	15.0	400	5800	1200	17400	100	3.937	0.376	0.253	
TFB0021-05	5/16"	8.0	05	16.6	400	5800	1200	17400	115	4.528	0.412	0.277	
TFB0021-06	3/8"	9.5	06	19.0	400	5800	1200	17400	130	5.118	0.519	0.349	
TFB0021-08	1/2"	12.7	08	22.2	400	5800	1200	17400	180	7.087	0.630	0.423	

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule

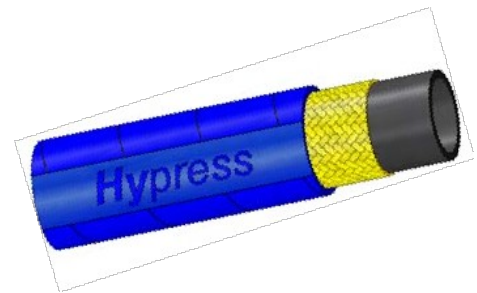


TFN001K
TFB001K

Cleaning - Exceed EN 857 1SC



TFN



TFB

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 1 treccia acciaio.

Reinforcement: 1 steel wire braid.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +155°C

Operating temperature range: -40°C to +155°C

part number													List Price £/mt.
	ID	size			OD	Max WP	Min BP	Min BR	Weight (approx)				
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
Nero - Black													
TFN001K-04	1/4"	6.4	04	12.4	250	3625	750	10875	75	2.953	0.196	0.132	
TFN001K-05	5/16"	8.0	05	14.0	250	3625	750	10875	85	3.346	0.220	0.148	
TFN001K-06	3/8"	9.5	06	15.6	250	3625	750	10875	90	3.543	0.277	0.186	
TFN001K-08	1/2"	12.7	08	18.7	250	3625	750	10875	130	5.118	0.348	0.234	
Blu - Blue													
TFB001K-04	1/4"	6.4	04	12.4	250	3625	750	10875	75	2.953	0.196	0.132	
TFB001K-05	5/16"	8.0	05	14.0	250	3625	750	10875	85	3.346	0.220	0.148	
TFB001K-06	3/8"	9.5	06	15.6	250	3625	750	10875	90	3.543	0.277	0.186	
TFB001K-08	1/2"	12.7	08	18.7	250	3625	750	10875	130	5.118	0.348	0.234	

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule

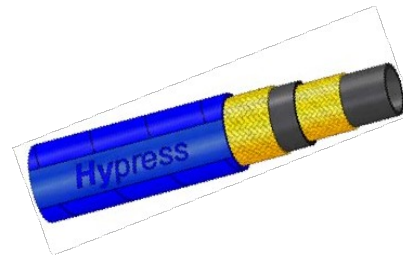


TFN002K
TFB002K

Cleaning - Exceed EN 857 2SC



TFN



TFB

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 2 trecce acciaio.

Reinforcement: 2 steel wire braids.

Copertura esterna: Gomma sintetica perforata resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +155°C

Operating temperature range: -40°C to +155°C

part number													List Price £/mt.
	ID	size			OD	Max WP	Min BP	Min BR	Weight (approx)				
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
Nero - Black													
TFN002K-04	1/4"	6.5	04	13.4	400	5800	1200	17400	85	3.346	0.295	0.198	
TFN002K-05	5/16"	8.0	05	15.0	400	5800	1200	17400	85	3.346	0.345	0.232	
TFN002K-06	3/8"	9.5	06	17.4	400	5800	1200	17400	90	3.543	0.415	0.279	
TFN002K-08	1/2"	12.7	08	20.6	400	5800	1200	17400	130	5.118	0.540	0.363	
Blu - Blue													
TFB002K-04	1/4"	6.5	04	13.4	400	5800	1200	17400	85	3.346	0.295	0.198	
TFB002K-05	5/16"	8.0	05	15.0	400	5800	1200	17400	85	3.346	0.345	0.232	
TFB002K-06	3/8"	9.5	06	17.4	400	5800	1200	17400	90	3.543	0.415	0.279	
TFB002K-08	1/2"	12.7	08	20.6	400	5800	1200	17400	130	5.118	0.540	0.363	

Boccola Consigliata /
Recommended Ferrule



Boccola Alternativa /
Alternative Ferrule



TFS0017 SAE 100 R17 - SAE J 517



Tubo interno: Gomma sintetica liscia resistente agli olii e all'acqua

Internal hose: Smooth synthetic rubber resistant to oils and water.

Rinforzo: Con acciaio ad alto carico. 1 treccia fino al 3/8", oltre 2 trecce

Reinforcement: High tensile steel. 1 braid up to size 3/8", 2 braids from size 1/2" onwards.

Copertura esterna: Gomma sintetica resistente agli olii ed agli agenti atmosferici.

External covering: Synthetic rubber, resistant to oils and atmospheric conditions.

Temperatura di esercizio: -40°C +121°C (max 125°C)

Operating temperature range: -40°C to +121°C (max 125°C)

part number			size										List Price £/mt.
	in	mm		OD	bar	psi	bar	psi	mm	inch	Weight (approx)		
											Kg/m	lb/ft	
TFS0017-04	1/4"	6.4	04	12.1	210	3045	840	12180	50	1.969	0.169	0.114	
TFS0017-05	5/16"	7.9	05	13.9	210	3045	840	12180	55	2.165	0.210	0.141	
TFS0017-06	3/8"	9.5	06	15.8	210	3045	840	12180	65	2.559	0.254	0.171	
TFS0017-08	1/2"	12.7	08	20.1	210	3045	840	12180	90	3.543	0.466	0.313	
TFS0017-10	5/8"	16.0	10	23.9	210	3045	840	12180	105	4.134	0.586	0.394	
TFS0017-12	3/4"	19.0	12	27.7	210	3045	840	12180	125	4.921	0.749	0.503	
TFS0017-16	1"	25.4	16	37.9	210	3045	840	12180	150	5.906	1.457	0.979	

**Boccola Consigliata /
Recommended Ferrule**


001C

from 1/4" to 3/8"

0022

from 1/2" to 1"

 **Spiral**

Pagina / Page	20	21	22	23	24	25
EN 856 DIN 20023						
	TFD04SP EN 856 4SP DIN 20023 4SP	TFC04SP EN 856 4SP DIN 20023 4SP	TFI04SP EN 856 4SP DIN 20023 4SP	TFD04SH EN 856 4SH DIN 20023 4SH	TFC04SH EN 856 4SH DIN 20023 4SH	TFI04SH EN 856 4SH DIN 20023 4SH
	Pagina / Page	26	27	28		
	EN 856 SAE 100 R13		SAE 100 R15		EN 856 SAE 100 R12	
		TFS0013 EN 856 SAE 100 R13		TFS0015 SAE 100 R15		TFS0012 EN 856 SAE 100 R12
		Pagina / Page		29		30
	WaterBlast					
TFW0850 Waterblast 850 bar		TFW1000 Waterblast 1000 bar	TFW1200 Waterblast 1200 bar			

Dimensions and general characteristics may be changed at any time without prior notice.

Data contained herein are for information purpose only, and it does not enlarge, amend or imply any warranty other than provided by us with the product
Any use of the product not in conformance with our instructions may be dangerous.

TFD04SP EN 856 4SP (DIN 20023-4SP)



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4 spirali acciaio.







Reinforcement: 4 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number			size										List Price £/mt.
	ID	OD		Max WP	Min BP	Min BR		Weight (approx)					
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFD04SP-04	1/4"	6.4	04	17.8	450	6525	1800	26100	150	5.906	0.615	0.413	
TFD04SP-06	3/8"	9.5	06	21.4	445	6453	1780	25810	180	7.087	0.850	0.571	
TFD04SP-08	1/2"	12.7	08	24.6	415	6018	1660	24070	230	9.055	0.935	0.628	
TFD04SP-10	5/8"	16.0	10	28.5	350	5075	1400	20300	250	9.843	1.146	0.770	
TFD04SP-12	3/4"	19.0	12	32.1	350	5075	1400	20300	300	11.811	1.554	1.044	
TFD04SP-16	1 "	25.4	16	39.7	280	4060	1120	16240	340	13.386	2.033	1.366	
TFD04SP-20	1.1/4"	31.8	20	50.8	210	3045	840	12180	460	18.110	3.176	2.134	
TFD04SP-24	1.1/2"	38.1	24	57.1	185	2683	740	10730	560	22.047	3.657	2.458	
TFD04SP-32	2 "	50.8	32	70.6	165	2393	660	9570	660	25.984	5.137	3.452	

Boccola Consigliata /
Recommended Ferrule



0009

standard fittings



0019

multispiral fittings

TFC04SP EN 856 4SP (DIN 20023-4SP)

* Rivestito con Calza Metallica / **With steel plated braided sleeve**



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4 spirali acciaio.

Reinforcement: 4 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.







External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

Impiego: particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

Application: particularly suitable for applications on tool machines and glass industry.

part number			size										List Price £/mt.
	ID	OD		Max WP	Min BP	Min BR		Weight (approx)					
	in		mm			bar	psi	bar	psi	mm	inch	Kg/m	
TFC04SP-04	1/4"	6.4	04	18.8	450	6525	1800	26100	150	5.906	0.837	0.562	
TFC04SP-06	3/8"	9.5	06	22.4	445	6453	1780	25810	180	7.087	1.114	0.749	
TFC04SP-08	1/2"	12.7	08	25.6	415	6018	1660	24070	230	9.055	1.237	0.831	
TFC04SP-10	5/8"	16.0	10	29.5	350	5075	1400	20300	250	9.843	1.494	1.004	
TFC04SP-12	3/4"	19.0	12	33.1	350	5075	1400	20300	300	11.811	1.945	1.307	
TFC04SP-16	1 "	25.4	16	40.7	280	4060	1120	16240	340	13.386	2.513	1.689	
TFC04SP-20	1.1/4"	31.8	20	51.8	210	3045	840	12180	460	18.110	3.787	2.545	
TFC04SP-24	1.1/2"	38.1	24	58.1	185	2683	740	10730	560	22.047	4.343	2.918	
TFC04SP-32	2 "	50.8	32	71.6	165	2393	660	9570	660	25.984	5.982	4.020	

Boccola Consigliata /
Recommended Ferrule



standard fittings



multispiral fittings

TFI04SP EN 856 4SP (DIN 20023-4SP)* Rivestito con Calza Acc. Inox / **With stainless steel braided sleeve****Tubo interno:** Gomma sintetica estrusa senza giunzioni e di spessore uniforme.**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness**Rinforzo:** 4 spirali acciaio.**Reinforcement:** 4 steel wire braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Temperatura di esercizio:** -40°C +100°C**Operating temperature range:** -40°C to +100°C**Impiego:** particolarmente indicato per applicazioni su macchine utensili e industria del vetro.**Application:** particularly suitable for applications on tool machines and glass industry.

part number			size										List Price £/mt.
	ID			OD	Max WP	Min BP	Min BR	Weight (approx)					
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFI04SP-04	1/4"	6.4	04	18.8	450	6525	1800	26100	150	5.906	0.879	0.591	
TFI04SP-06	3/8"	9.5	06	22.4	445	6453	1780	25810	180	7.087	1.170	0.786	
TFI04SP-08	1/2"	12.7	08	25.6	415	6018	1660	24070	230	9.055	1.299	0.873	
TFI04SP-10	5/8"	16.0	10	29.5	350	5075	1400	20300	250	9.843	1.569	1.054	
TFI04SP-12	3/4"	19.0	12	33.1	350	5075	1400	20300	300	11.811	2.042	1.372	
TFI04SP-16	1 "	25.4	16	40.7	280	4060	1120	16240	340	13.386	2.639	1.773	
TFI04SP-20	1.1/4"	31.8	20	51.8	210	3045	840	12180	460	18.110	3.976	2.672	
TFI04SP-24	1.1/2"	38.1	24	58.1	172	2494	688	9976	560	22.047	4.560	3.064	
TFI04SP-32	2 "	50.8	32	71.6	172	2494	688	9976	660	25.984	6.281	4.221	

Boccola Consigliata /
Recommended Ferrule

standard fittings



multispiral fittings

TFD04SH EN 856 4SH (DIN 20023-4SH)

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4 spirali acciaio alta resistenza.







Reinforcement: 4 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

part number													List Price £/mt.
	ID				OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFD04SH-12	3/4"	19.0	12	32.2	420	6090	1680	24360	280	11.024	1.556	1.046	
TFD04SH-16	1 "	25.4	16	38.7	380	5510	1520	22040	340	13.386	2.087	1.402	
TFD04SH-20	1.1/4"	31.8	20	45.5	325	4713	1300	18850	460	18.110	2.571	1.728	
TFD04SH-24	1.1/2"	38.1	24	53.5	290	4205	1160	16820	560	22.047	3.439	2.311	
TFD04SH-32	2 "	50.8	32	68.1	250	3625	1000	14500	700	27.559	4.903	3.295	

**Boccola Consigliata /
Recommended Ferrule**

004H

long line fittings 3/4" and 1"
standard fittings 1.1/4", 1.1/2" and 2"

0019

multispiral fittings

004N

inter-lock fittings

TFC04SH EN 856 4SH (DIN 20023-4SH)

* Rivestito con Calza Metallica / **With steel plated braided sleeve**



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4 spirali acciaio alta resistenza.

Reinforcement: 4 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

Impiego: particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

Application: particularly suitable for applications on tool machines and glass industry.

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	TFC04SH-12	3/4"	19.0	12	33.2	420	6090	1680	24360	280	11.024	1.948	
TFC04SH-16	1 "	25.4	16	39.7	380	5510	1520	22040	340	13.386	2.555	1.717	
TFC04SH-20	1.1/4"	31.8	20	46.5	325	4713	1300	18850	460	18.110	3.120	2.097	
TFC04SH-24	1.1/2"	38.1	24	54.5	290	4205	1160	16820	560	22.047	4.082	2.743	
TFC04SH-32	2 "	50.8	32	69.1	250	3625	1000	14500	700	27.559	5.718	3.842	

**Boccola Consigliata /
Recommended Ferrule**

004H

long line fittings 3/4" and 1"
standard fittings 1.1/4", 1.1/2" and 2"

0019

multispiral fittings

004N

inter-lock fittings

TFI04SH EN 856 4SH (DIN 20023-4SH)* Rivestito con Calza Acc. Inox / **With stainless steel braided sleeve****Tubo interno:** Gomma sintetica estrusa senza giunzioni e di spessore uniforme.**Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness**Rinforzo:** 4 spirali acciaio alta resistenza.**Reinforcement:** 4 steel wire braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Temperatura di esercizio:** -40°C +100°C**Operating temperature range:** -40°C to +100°C**Impiego:** particolarmente indicato per applicazioni su macchine utensili e industria del vetro.**Application:** particularly suitable for applications on tool machines and glass industry.

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	TFI04SH-12	3/4"	19.0	12	33.2	420	6090	1680	24360	280	11.024	2.045	
TFI04SH-16	1 "	25.4	16	39.7	380	5510	1520	22040	340	13.386	2.683	1.803	
TFI04SH-20	1.1/4"	31.8	20	46.5	325	4713	1300	18850	460	18.110	3.276	2.201	
TFI04SH-24	1.1/2"	38.1	24	54.5	290	4205	1160	16820	560	22.047	4.286	2.880	
TFI04SH-32	2 "	50.8	32	69.1	250	3625	1000	14500	700	27.559	6.004	4.035	

**Boccola Consigliata /
Recommended Ferrule****004H**long line fittings 3/4" and 1"
standard fittings 1.1/4", 1.1/2" and 2"**0019**

multispiral fittings

004N

inter-lock fittings

TFS0013 EN 856 SAE 100 R13

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: 4-6 high tensile steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating Temperature Range: -40°C to +100°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	TFS0013-12	3/4"	19.0	12	32.6	345	5003	1380	20010	240	9.449	1.650	
TFS0013-16	1 "	25.4	16	39.2	345	5003	1380	20010	300	11.811	2.259	1.518	
TFS0013-20	1.1/4"	31.8	20	50.4	345	5003	1380	20010	419	16.496	3.895	2.617	
TFS0013-24	1.1/2"	38.1	24	57.9	345	5003	1380	20010	508	20.000	4.956	3.330	
TFS0013-32	2 "	50.8	32	71.9	345	5003	1380	20010	635	25.000	7.087	4.762	

Boccola Consigliata /
Recommended Ferrule

0013

inter-lock fittings

TFS0015 SAE 100 R15



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: 4-6 high tensile steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating Temperature Range: -40°C to +100°C

part number			size										List Price £/mt.
	ID			OD	Max WP		Min BP		Min BR		Weight (approx)		
	in	mm	mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft		
TFS0015-12	3/4"	19.0	12	32.2	420	6090	1655	23998	267	10.512	1.556	1.046	
TFS0015-16	1 "	25.4	16	38.7	420	6090	1655	23998	330	12.992	2.100	1.411	
TFS0015-20	1.1/4"	31.8	20	50.4	420	6090	1655	23998	445	17.520	3.650	2.453	
TFS0015-24	1.1/2"	38.1	24	57.9	420	6090	1655	23998	533	20.984	5.000	3.360	

Boccola Consigliata /
Recommended Ferrule

0013

inter-lock fittings

TFS0012 EN 856 SAE 100 R12



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4 spirali acciaio.

Reinforcement: 4 steel wire braids.

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Temperatura di esercizio: -40°C +100°C

Operating temperature range: -40°C to +100°C

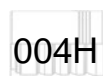
part number			size										List Price £/mt.
	in	mm		OD	bar	psi	bar	psi	mm	inch	Weight (approx)		
											Kg/m	lb/ft	
TFS0012-06	3/8"	9.5	06	20.4	276	4002	1103	15994	127	5.000	0.631	0.424	
TFS0012-08	1/2"	12.7	08	23.5	276	4002	1103	15994	178	7.008	0.789	0.530	
TFS0012-12	3/4"	19.0	12	30.7	276	4002	1103	15994	241	9.488	1.230	0.827	
TFS0012-16	1 "	25.4	16	38.0	276	4002	1103	15994	305	12.008	1.880	1.263	
TFS0012-20	1.1/4"	31.8	20	47.0	207	3002	827	11992	419	16.496	2.688	1.806	
TFS0012-24	1.1/2"	38.1	24	53.5	172	2494	690	10005	508	20.000	3.080	2.070	
TFS0012-32	2 "	50.8	32	66.7	172	2494	690	10005	635	25.000	4.565	3.068	

Boccola Consigliata / Recommended Ferrule



0009

from 3/8" to 1.1/2"



004H

for 2"

TFW0850 Waterblast 850 bar



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: 4-6 high tensile steel wire braids

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External hose: Synthetic rubber, resistant to oils, fuels and atmospheric conditions

Temperatura di esercizio: -40°C +100°C

Operating Temperature Range: -40°C to +100°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
	4 spir TFW0850-06	3/8"	9.5	06	21.4	850	12325	2125	30813	155	6.102	0.784	
4 spir TFW0850-08	1/2"	12.7	08	24.5	850	12325	2125	30813	200	7.874	1.020	0.685	
4 spir TFW0850-12	3/4"	19.0	12	32.8	850	12325	2125	30813	250	9.843	1.930	1.297	
6 spir TFW0850-16	1"	25.4	16	44.6	850	12325	2125	30813	300	11.811	3.350	2.251	

**Boccola Consigliata /
Recommended Ferrule**

00S4

from 3/8" to 3/4"

00S6

for 1"

TFW1000 Waterblast 1000 bar



Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: 4-6 high tensile steel wire braids

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions

Temperatura di esercizio: -40°C +100°C

Operating Temperature Range: -40°C to +100°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			mm	bar	psi	bar	psi	mm	inch	Kg/m	
	4 spir TFW1000-08	1/2"	12.7	08	27.0	1000	14500	2500	36250	200	7.874	1.360	
6 spir TFW1000-12	3/4"	19.0	12	36.0	1000	14500	2500	36250	310	12.205	2.500	1.680	

**Boccola Consigliata /
Recommended Ferrule**

00S4 for 1/2"

00S6 for 3/4"

TFW1200 **Waterblast 1200 bar**

Tubo interno: Gomma sintetica estrusa senza giunzioni e di spessore uniforme.

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

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: 4-6 high tensile steel wire braids

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

External covering: Synthetic rubber, resistant to oils, fuels and atmospheric conditions

Temperatura di esercizio: -40°C +100°C

Operating Temperature Range: -40°C to +100°C

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)		List Price £/mt.
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft	
6 spir TFW1200-06	3/8"	9.5	06	23.8	1200	17400	3000	43500	155	6.102	1.120	0.753	
6 spir TFW1200-08	1/2"	12.7	08	29.0	1200	17400	3000	43500	230	9.055	1.900	1.277	

Boccola Consigliata /
Recommended Ferrule

00S6