

IMM.M.M.

Tube bassa pressione / Low pressure hose

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IMM Hy press

IMM Group

Tube bassa pressione / Low pressure hose

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	TFS1006 EN 854 - SAE 100 R6 1TE - UniLock	TFC1006 EN 854 - SAE 100 R6 1TE - UniLock	TFI1006 EN 854 - SAE 100 R6 1TE - UniLock	TFS0003 EN 854 SAE 100 R3	
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Linea aspirazione / Suction line

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	TFS0004 SAE 100 R4 Hy-Vacuum	TFC0004 SAE 100 R4 Hy-Vacuum	TFI0004 SAE 100 R4 Hy-Vacuum

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.

TFS1006 **UniLock** - EN 854 SAE 100 R6 - EN 854 1TE

SL06

Applicazioni:

Linee a bassa pressione, linee di ritorno, linee di drenaggio.
ATTENZIONE: Con raccordi della serie UniLock, non utilizzare per impianti frenanti ad aria compressa ed in circuiti sottoposti a forti impulsi di pressione.



Application:

Low pressure lines, back lines, drainage lines.
ATTENTION: With Unilock fittings, do not use for brake plants with compressed air or in circuits under strong pressure impulses.

Specifiche applicabili/Applicable specs.:
 SAE 100 R6 - EN 854 1TE

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 1 treccia tessile.

Reinforcement: 1 textile braid.

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

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

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo
 +70° per fluidi acquosi

Operating temperature range:

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

Easy line

part number	ID		size	OD	Max WP		Max WP		Min BR		Weight	
	in	mm			Std fitting	UniLock	mm	inch	(approx)			
				mm	bar	psi	bar	psi			Kg/m	lb/ft
TFS1006-03	3/16"	4,8	03	11,1	34	493	-	-	35	1,378	0,100	0,067
TFS1006-04	1/4"	6,4	04	12,7	28	406	18	261	45	1,772	0,122	0,082
TFS1006-05	5/16"	8,0	05	14,3	28	406	* - on request		65	2,559	0,146	0,098
TFS1006-06	3/8"	9,5	06	15,9	28	406	18	261	75	2,953	0,164	0,110
TFS1006-08	1/2"	12,7	08	19,5	28	406	15	218	90	3,543	0,238	0,160
TFS1006-10	5/8"	16,0	10	23,0	24	348	-	-	115	4,528	0,280	0,188
TFS1006-12	3/4"	19,0	12	26,6	21	305	15	218	150	5,906	0,340	0,228
** TFS1006-16	1 "	25,4	16	32,8	18	261	12	174	140	5,512	0,465	0,312

** not included in SAE standard

fattore di sicurezza: 4:1
 safety factor: 4:1

Boccola Consigliata

Raccomandato Ferrule

standard fittings



Easy line

Facile assemblaggio – non sono necessari attrezzi o fascette
 Easy assembly – no tools or clamps required

Serie Raccordi
Fittings series



TFC1006 UniLock - EN 854 SAE 100 R6 - EN 854 1TE

CL06

* Rivestito con Calza Metallica / With steel plated braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 1 treccia tessile.

Reinforcement: 1 textile braid.

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

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

Hy-COVER™
Line



Specifiche applicabili/Applicable specs.:
SAE 100 R6 - EN 854 1TE

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo
+70° per fluidi acquosi

Operating temperature range:

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

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFC1006-03	3/16"	4,8	03	11,9	34	493	138	2001	51	2,008	0,240
TFC1006-04	1/4"	6,4	04	13,5	28	406	110	1595	64	2,520	0,281	0,189
TFC1006-05	5/16"	8,0	05	15,1	28	406	110	1595	76	2,992	0,324	0,218
TFC1006-06	3/8"	9,5	06	16,7	28	406	110	1595	76	2,992	0,361	0,243
TFC1006-08	1/2"	12,7	08	20,6	28	406	110	1595	102	4,016	0,481	0,323
TFC1006-10	5/8"	16,0	10	23,8	24	348	97	1407	127	5,000	0,561	0,377
TFC1006-12	3/4"	19,0	12	27,6	21	305	83	1204	152	5,984	0,655	0,440
** TFC1006-16	1 "	25,4	16	33,8	18	261	75	1088	140	5,512	0,864	0,581

** not included in SAE standard

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFI1006 **UniLock - EN 854 SAE 100 R6 - EN 854 1TE**

IL06

* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 1 treccia tessile.

Reinforcement: 1 textile braid.

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

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

Hy-COVER™
Line



Specifiche applicabili/Applicable specs.:
SAE 100 R6 - EN 854 1TE

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo
+70° per fluidi acquosi

Operating temperature range:

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

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFI1006-03	3/16"	4,8	03	11,9	34	493	138	2001	51	2,008	0,252
TFI1006-04	1/4"	6,4	04	13,5	28	406	110	1595	64	2,520	0,295	0,198
TFI1006-05	5/16"	8,0	05	15,1	28	406	110	1595	76	2,992	0,340	0,228
TFI1006-06	3/8"	9,5	06	16,7	28	406	110	1595	76	2,992	0,379	0,255
TFI1006-08	1/2"	12,7	08	20,6	28	406	110	1595	102	4,016	0,505	0,339
TFI1006-10	5/8"	16,0	10	23,8	24	348	97	1407	127	5,000	0,589	0,396
TFI1006-12	3/4"	19,0	12	27,6	21	305	83	1204	152	5,984	0,688	0,462
** TFI1006-16	1 "	25,4	16	33,8	18	261	75	1088	140	5,512	0,907	0,610

** not included in SAE standard

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFS0003 **EN854 SAE 100 R3**

S003

Applicazioni:

Linee bassa media pressione e linee di ritorno



Application:

Low medium pressure lines and return lines

Specifiche applicabili/Applicable specs.:

EN854 SAE 100 R3

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili.

Reinforcement: 2 textile braids.

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

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

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFS0003-03	3/16"	4,8	03	12,7	103	1494	414	6003	76	2,992	0,129
TFS0003-04	1/4"	6,4	04	14,3	86	1247	345	5003	76	2,992	0,157	0,106
TFS0003-05	5/16"	8,0	05	17,5	83	1204	331	4800	102	4,016	0,243	0,163
TFS0003-06	3/8"	9,5	06	19,1	78	1131	310	4495	102	4,016	0,269	0,181
TFS0003-08	1/2"	12,7	08	23,8	69	1001	276	4002	127	5,000	0,405	0,272
TFS0003-10	5/8"	16,0	10	27,0	60	870	241	3495	140	5,512	0,483	0,325
TFS0003-12	3/4"	19,0	12	31,8	52	754	207	3002	152	5,984	0,661	0,444
TFS0003-16	1 "	25,4	16	38,1	39	566	155	2248	203	7,992	0,829	0,557
TFS0003-20	1.1/4"	31,8	20	44,5	26	377	103	1494	254	10,000	0,987	0,663

Boccola Consigliata

Raccomanded Ferrule

standard fittings



TFD02TE **EN 854 2TE DIN 20021**

D02E

Applicazioni:

Linee bassa media pressione e linee di ritorno



Application:

Low medium pressure lines and return lines

Specifiche applicabili/Applicable specs.:

EN 854 2TE - DIN 20021

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili.

Reinforcement: 2 textile braids.

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

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

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFD02TE-03	3/16"	4,8	03	11,8	80	1160	320	4640	35	1,378	0,117
TFD02TE-04	1/4"	6,4	04	13,4	75	1088	300	4350	40	1,575	0,139	0,093
TFD02TE-05	5/16"	8,0	05	14,9	68	986	270	3915	50	1,969	0,157	0,106
TFD02TE-06	3/8"	9,5	06	16,5	63	914	250	3625	60	2,362	0,183	0,123
TFD02TE-08	1/2"	12,7	08	19,7	58	841	230	3335	70	2,756	0,222	0,149
TFD02TE-10	5/8"	16,0	10	23,9	50	725	200	2900	90	3,543	0,316	0,212
TFD02TE-12	3/4"	19,0	12	27,0	45	653	180	2610	110	4,331	0,370	0,249
TFD02TE-16	1 "	25,4	16	34,4	40	580	160	2320	130	5,118	0,547	0,368

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFC02TE EN 854 2TE DIN 20021

C02E

* Rivestito con Calza Metallica / With steel plated braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili.

Reinforcement: 2 textile braids.

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

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



Specifiche applicabili/Applicable specs.:
EN 854 2TE - DIN 20021

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo
+70° per fluidi acquosi

Operating temperature range:

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

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFC02TE-03	3/16"	4,8	03	12,6	80	1160	320	4640	35	1,378	0,266
TFC02TE-04	1/4"	6,4	04	14,2	75	1088	300	4350	40	1,575	0,307	0,206
TFC02TE-05	5/16"	8,0	05	15,7	68	986	270	3915	50	1,969	0,342	0,230
TFC02TE-06	3/8"	9,5	06	17,3	63	914	250	3625	60	2,362	0,387	0,260
TFC02TE-08	1/2"	12,7	08	20,5	58	841	230	3335	70	2,756	0,464	0,312
TFC02TE-10	5/8"	16,0	10	24,7	50	725	200	2900	90	3,543	0,607	0,408
TFC02TE-12	3/4"	19,0	12	28,0	45	653	180	2610	110	4,331	0,700	0,470
TFC02TE-16	1 "	25,4	16	35,4	40	580	160	2320	130	5,118	0,965	0,648

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFI02TE EN 854 2TE DIN 20021

I02E

* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili.

Reinforcement: 2 textile braids.

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

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

Hy-COVER™
Line



Specifiche applicabili/Applicable specs.:
EN 854 2TE - DIN 20021

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo
+70° per fluidi acquosi

Operating temperature range:

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

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFI02TE-03	3/16"	4,8	03	12,6	80	1160	320	4640	35	1,378	0,279
TFI02TE-04	1/4"	6,4	04	14,2	75	1088	300	4350	40	1,575	0,322	0,216
TFI02TE-05	5/16"	8,0	05	15,7	68	986	270	3915	50	1,969	0,359	0,241
TFI02TE-06	3/8"	9,5	06	17,3	63	914	250	3625	60	2,362	0,406	0,273
TFI02TE-08	1/2"	12,7	08	20,5	58	841	230	3335	70	2,756	0,487	0,327
TFI02TE-10	5/8"	16,0	10	24,7	50	725	200	2900	90	3,543	0,637	0,428
TFI02TE-12	3/4"	19,0	12	28,0	45	653	180	2610	110	4,331	0,735	0,494
TFI02TE-16	1 "	25,4	16	35,4	40	580	160	2320	130	5,118	1,013	0,681

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFD03TE EN 854 3TE DIN 20021

D03E

Applicazioni:

Linee bassa media pressione e linee di ritorno



Application:

Low medium pressure lines and return lines

Specifiche applicabili/Applicable specs.:

EN 854 3TE - DIN 20021

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili.

Reinforcement: 2 textile braids.

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

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

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFD03TE-03	3/16"	4,8	03	12,8	160	2320	640	9280	40	1,575	0,129
TFD03TE-04	1/4"	6,4	04	14,4	145	2103	580	8410	45	1,772	0,153	0,103
TFD03TE-05	5/16"	8,0	05	16,9	130	1885	520	7540	55	2,165	0,210	0,141
TFD03TE-06	3/8"	9,5	06	18,5	110	1595	440	6380	70	2,756	0,241	0,162
TFD03TE-08	1/2"	12,7	08	21,7	93	1349	370	5365	85	3,346	0,299	0,201
TFD03TE-10	5/8"	16,0	10	25,9	80	1160	320	4640	105	4,134	0,405	0,272
TFD03TE-12	3/4"	19,0	12	29,0	70	1015	280	4060	130	5,118	0,470	0,316
TFD03TE-16	1 "	25,4	16	35,9	55	798	220	3190	150	5,906	0,633	0,425
TFD03TE-20	1.1/4"	31,8	20	42,3	45	653	180	2610	190	7,480	0,774	0,520
TFD03TE-24	1.1/2"	38,1	24	49,6	40	580	160	2320	240	9,449	0,973	0,654
TFD03TE-32	2 "	50,8	32	62,3	33	479	130	1885	300	11,811	1,246	0,837

Boccola Consigliata

Raccomandato Ferrule

standard fittings



TFS0004 **HY-VACUUM - SAE 100 R4**

S004

Applicazioni:
Linee di ritorno e linee aspirazione

Application:
Return and suction lines



Specifiche applicabili/Applicable specs.:
SAE 100 R4

CARATTERISTICHE: Resistente al vuoto in accordo alla normativa SAE 100 R4
FEATURE: Vacuum resistant according to SAE 100 R4

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili + 1 spirale.

Reinforcement: 2 textile braids + 1 spiral braid.

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

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

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** TFS0004-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** TFS0004-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
TFS0004-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
** TFS0004-14	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
TFS0004-16	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
** TFS0004-19	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
TFS0004-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** TFS0004-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
TFS0004-24	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
** TFS0004-25	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** TFS0004-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** TFS0004-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
TFS0004-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** TFS0004-38	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
TFS0004-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** TFS0004-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
TFS0004-48	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
** TFS0004-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
TFS0004-56	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
TFS0004-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

** not included in SAE standard

Boccola Consigliata

low pressure fittings

BA

Raccomandato Ferrule

TFC0004 HY-VACUUM - SAE 100 R4

C004

* Rivestito con Calza Metallica / With steel plated braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

CARATTERISTICHE: Resistente al vuoto in accordo alla normativa SAE 100 R4
FEATURE: Vacuum resistant according to SAE 100 R4

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili + 1 spirale.

Reinforcement: 2 textile braids + 1 spiral braid.

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

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



Specifiche applicabili/Applicable specs.:
SAE 100 R4

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** TFC0004-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** TFC0004-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
TFC0004-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
** TFC0004-14	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
TFC0004-16	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
** TFC0004-19	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
TFC0004-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** TFC0004-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
TFC0004-24	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
** TFC0004-25	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** TFC0004-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** TFC0004-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
TFC0004-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** TFC0004-38	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
TFC0004-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** TFC0004-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
TFC0004-48	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
** TFC0004-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
TFC0004-56	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
TFC0004-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

** not included in SAE standard

Boccola Consigliata

low pressure fittings

BA

Raccomandato Ferrule

TFI0004 HY-VACUUM - SAE 100 R4

1004

* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

Applicazioni:

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

Application:

particularly suitable for applications on tool machines and glass industry.

CARATTERISTICHE: Resistente al vuoto in accordo alla normativa SAE 100 R4
FEATURE: Vacuum resistant according to SAE 100 R4

Tubo interno: Gomma sintetica resistente agli olii.

Internal hose: Oil resistant synthetic rubber.

Rinforzo: 2 trecce tessili + 1 spirale.

Reinforcement: 2 textile braids + 1 spiral braid.

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

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



Specifiche applicabili/Applicable specs.:
SAE 100 R4

Fluidi raccomandati:

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

Recommended fluid:

Hydraulic fluid petroleum based, glycol-water based, lubricant.

Temperatura di esercizio:

da -40 a +100°C continuo

+70° per fluidi acquosi

Operating temperature range:

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** TFI0004-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** TFI0004-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
TFI0004-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
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TFI0004-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** TFI0004-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
TFI0004-24	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
** TFI0004-25	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** TFI0004-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** TFI0004-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
TFI0004-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** TFI0004-38	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
TFI0004-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** TFI0004-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
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** TFI0004-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
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TFI0004-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

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low pressure fittings

BA

Raccomandato Ferrule