



IMM.M.M.

Tubo PTFE / PTFE hose

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IMM Hy press

IMM Group

 **Tubo PTFE / PTFE hose**

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**PTFE
Hoses****TF00TP1**
TP1**TF00TM1**
TM1**TF00T2**
T2**TF00THP**
THP**TF00TC**
TC

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.

TF00TP1 Tubo P.T.F.E. tipo TP1
FTP1
P.T.F.E. flexible hose type TP1

Specifiche applicabili/Applicable specs.:
 SAE 100 R14

Tubo interno: P.T.F.E. liscio spessore piccolo.

Internal hose: *Smooth P.T.F.E. small wall.*
Copertura esterna: 1 treccia in acciaio inox AISI 304 ad alta resistenza.

External covering: *One high tensile stainless steel AISI 304 wire braids.*
Temperatura di esercizio:
 da -70 a +260°C

Operating temperature range:
 from -70 to +260°C

part number				Spess. Min Parete								
	ID		Ø Int Mim			Ø Est Max	Max WP		Min BR		Weight (approx)	
	in	mm	mm			mm	bar (*)	psi	mm	inch	gr/m	lb/ft
TF00TP1-03	3/16"	5,0	4,4	0,7	7,5	265	3843	40	1,575	80	0,05376	
TF00TP1-04	1/4"	6,5	6	0,7	9,0	240	3480	60	2,362	93	0,06250	
TF00TP1-05	5/16"	8,0	7,5	0,7	11,0	200	2900	70	2,756	110	0,07392	
TF00TP1-06	3/8"	9,5	9,1	0,7	12,0	190	2755	80	3,150	124	0,08333	
TF00TP1-07	13/32"	10,5	10	0,7	13,0	160	2320	90	3,543	161	0,10819	
TF00TP1-08	1/2"	13,0	12	0,7	16,0	150	2175	110	4,331	207	0,13910	
TF00TP1-10	5/8"	16,0	15	0,7	19,0	110	1595	150	5,906	255	0,17136	
TF00TP1-12	3/4"	19,0	18	0,8	22,5	80	1160	200	7,874	315	0,21168	
TF00TP1-14	7/8"	22,0	21,5	0,8	26,0	70	1015	230	9,055	400	0,26880	
TF00TP1-16	1"	25,0	24	0,8	29,0	55	798	300	11,811	430	0,28896	
TF00TP1-18	1.1/8"	28,5	28	1	33,0	40	580	350	13,780	600	0,40320	

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coefficiente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical department.

Boccola Consigliata
fitting for PTFE hose
Section Q

Raccomandato Ferrule
standard tail
Section I


TF00TM1 Tubo P.T.F.E. tipo TM1

FTM1

P.T.F.E. flexible hose type TM1



Tubo interno: P.T.F.E. liscio spessore medio.

Internal hose: P.T.F.E. liscio spessore medio.

Copertura esterna: 1 treccia in acciaio inox AISI 304 ad alta resistenza.

External covering: One high tensile stainless steel AISI 304 wire braids.

Temperatura di esercizio:
da -70 a +260°C

Operating temperature range:
from -70 to +260°C

part number			Spess. Min Parete				Weight (approx)							
	ID								Ø Int Mim	Ø Est Max	Max WP		Min BR	
	in	mm							mm	mm	bar (*)	psi	mm	inch
TF00TM1-03	3/16"	5,0	03	0,9	7,9	265	3843	60	2,362	88	0,05914			
TF00TM1-04	1/4"	6,4	04	0,9	9,4	240	3480	90	3,543	102	0,06854			
TF00TM1-05	5/16"	8,0	05	0,9	11,4	200	2900	110	4,331	121	0,08131			
TF00TM1-06	3/8"	9,5	06	0,9	12,4	190	2755	120	4,724	136	0,09139			
TF00TM1-07	13/32"	10,4	06	0,9	13,4	160	2320	130	5,118	177	0,11894			
TF00TM1-08	1/2"	12,7	08	0,9	16,4	150	2175	150	5,906	228	0,15322			
TF00TM1-10	5/8"	16,0	10	0,9	19,4	110	1595	180	7,087	281	0,18883			
TF00TM1-12	3/4"	19,0	12	1	22,9	80	1160	220	8,661	347	0,23318			
TF00TM1-14	7/8"	22,2	14	1,1	26,6	70	1015	250	9,843	440	0,29568			
TF00TM1-16	1 "	25,4	16	1,1	29,6	55	798	280	11,024	473	0,31786			
TF00TM1-18	1.1/8"	28,5	18	1,1	33,2	40	580	340	13,386	660	0,44352			

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coefficiente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical department.

Boccola Consigliata

fitting for PTFE hose
Section Q



Raccomandato Ferrule

TF000T2 Tubo P.T.F.E. tipo T2
FTT2
P.T.F.E. flexible hose type T2

Tubo interno: P.T.F.E. liscio.

Internal hose: Smooth P.T.F.E..

Copertura esterna: 2 trecce in acciaio inox AISI 304 ad alta resistenza.

External covering: Two high tensile stainless steel AISI 304 wire braids.

Temperatura di esercizio:
da -70 a +260°C

Operating temperature range:
from -70 to +260°C

part number				Spess. Min Parete							
	ID		Ø Int Mim			Max WP		Min BR		Weight (approx)	
	in	mm	mm			mm	mm	bar (*)	psi	mm	inch
TF000T2-03	3/16"	5,0	4,5	1	9,0	320	4640	25	0,984	140	0,09408
TF000T2-04	1/4"	6,5	6	1	10,9	310	4495	26	1,024	183	0,12298
TF000T2-05	5/16"	8,0	7,5	1	12,6	275	3988	35	1,378	210	0,14112
TF000T2-06	3/8"	9,5	9,1	1	14,3	240	3480	50	1,969	243	0,16330
TF000T2-07	13/32"	10,5	10	1	15,3	230	3335	60	2,362	258	0,17338
TF000T2-08	1/2"	13,0	11,9	1	17,3	200	2900	75	2,953	374	0,25133
TF000T2-10	5/8"	16,0	15	1,3	21,2	155	2248	100	3,937	452	0,30374
TF000T2-12	3/4"	19,0	18	1,3	24,3	110	1595	135	5,315	532	0,35750
TF000T2-14	7/8"	22,0	21,5	1,1	28,5	105	1523	230	9,055	700	0,47040
TF000T2-16	1"	25,0	24	1,3	31,2	84	1218	250	9,843	730	0,49056
TF000T2-18	1.1/8"	28,5	28	1,3	35,5	40	580	350	13,780	600	0,40320
TF000T2-20	1.1/4"	25,0	30,4	1,5	37,5	75	1088	400	15,748	950	0,63840
TF000T2-24	1.1/2"	28,5	36,2	1,5	44,7	65	943	800	31,496	1170	0,78624
TF000T2-32	2"	25,0	50,4	1,5	57,4	40	580	1200	47,244	1610	1,08192

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coefficiente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical department.

Boccola Consigliata
Raccomandato Ferrule
fitting for PTFE hose
Section Q


TF00THP Tubo P.T.F.E. tipo THP
P.T.F.E. flexible hose type THP
FTHP

Specifiche applicabili/Applicable specs.:
 SAE 100 R8 - SAE 100 R9 - Mil. H38360

Tubo interno: P.T.F.E. liscio caricato nero conduttivo.
Internal hose: *Conductive extruded black smooth P.T.F.E..*

Copertura esterna: 1 treccia in acciaio inox AISI 304 ad alta resistenza.

External covering: *One high tensile stainless steel AISI 304 wire braids.*

Temperatura di esercizio:
 da -70 a +260°C

Operating temperature range:
 from -70 to +260°C

part number														
	ID		Ø Int Mim	Ø Est Max	Max WP		BP		Min BR		Weight (approx)			
	in	mm	mm	mm	bar(**)	psi	bar	psi	mm	inch	gr/m	lb/ft		
TF00THP-04	1/4"	6,0	5,6	9,9	345	5003	1276	18502	38	1,496	149	0,10013		
TF00THP-05	5/16"	8,0	7,8	12,4	345	5003	1241	17995	63	2,480	243	0,16330		
TF00THP-06	3/8"	9,5	10,1	15,6	345	5003	1241	17995	73	2,874	345	0,23184		
TF00THP-08	1/2"	13,0	12,5	18,5	345	5003	1207	17502	82	3,228	484	0,32525		
TF00THP-10	5/8"	16,0	15,6	25,1	345	5003	1207	17502	98	3,858	982	0,65990		
TF00THP-14	7/8"	22,0	22	32,2	345	5003	1172	16994	127	5,000	1518	1,02010		
TF00THP-18	1.1/8"	28,5	28,4	42,1	345	5003	1138	16501	305	12,008	2753	1,85002		
TF00THP-20	1.1/4"	32,0	34,9	48,2	276	4002	1034	14993	356	14,016	2842	1,90982		

(**) - Per pressione ad impulsi ridurre la pressione d' esercizio di 69 bar. Per l'utilizzo a temperatura costante di + 204°C la pressione max. d'esercizio per tutti i diametri è di 207 bar.

(**) - For pulsating pressure reduce the working pressure of 69 bar. For use at constant temperature + 204°C the maximum working pressure for all diameters is 207 bar.

Boccola Consigliata
Raccomanded Ferrule

fitting for PTFE hose
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TF000TC Tubo P.T.F.E. tipo TC

FTTC

P.T.F.E. flexible hose type TC

Applicazioni:

Adatto anche per l'uso di aspirazione.



Application:

Adapted also for the aspiration use.

Tubo interno: Tubo corrugato ottenuto da nastro di P.T.F.E., tessuto di vetro impregnato di P.T.F.E..

Internal hose: *Convuluted P.T.F.E. tube obtained from P.T.F.E. ribbons, material consisting of glass impregnated P.T.F.E..*

Copertura esterna: 1 treccia in acciaio inox AISI 304.

External covering: *One stainless steel AISI 304 wire braids.*

Temperatura di esercizio:

da -54 a +204°C

Operating temperature range:

from -54 to +204°C

part number														
	ID		Ø Int Mim	Ø Est Max	Max WP		BP		Min BR		Weight (approx)			
	in	mm	mm	mm	bar	psi	bar	psi	mm	inch	gr/m	lb/ft		
TF000TC-04	1/4"	6,0	7	12,2	68	986	275	3988	25	0,984	111	0,07459		
TF000TC-06	3/8"	9,5	9,5	15,0	68	986	275	3988	25	0,984	170	0,11424		
TF000TC-08	1/2"	13,0	13	19,7	68	986	275	3988	38	1,496	238	0,15994		
TF000TC-10	5/8"	16,0	15,7	22,5	68	986	275	3988	45	1,772	330	0,22176		
TF000TC-12	3/4"	19,0	19,1	27,8	68	986	275	3988	50	1,969	400	0,26880		
TF000TC-16	1"	25,0	25,3	33,0	68	986	275	3988	75	2,953	535	0,35952		
TF000TC-20	1.1/4"	25,0	31,5	39,6	70	1015	280	4060	165	6,496	714	0,47981		
TF000TC-24	1.1/2"	28,5	38	45,5	53	769	210	3045	190	7,480	907	0,60950		
TF000TC-32	2"	25,0	50,4	59,2	35	508	140	2030	250	9,843	1443	0,96970		

Disponibile anche con sottostrato conduttivo e in versione per impieghi gravosi.

Available with conductive inner tube too and for heavy duty work.

Boccola Consigliata

Raccomand Ferrule

fitting for PTFE hose
Section Q

