

# TEKNO MTH1

SAE 100R1 - EN853 1ST, 1SN - EN 857 1SC

RECOMMENDED FOR:  
HYDRAULIC USE AT HIGH PRESSURE

RACCOMANDATO PER:  
USO OLEODINAMICO AD ALTA PRESSIONE



Features: **S.F. 4 : 1** VACUUM RATING:  
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THMTH103	5	3/16"	4,8	0,393	10,00	4710	325	18850	1300	1,180	30	0,09	0,13
THMTH104	6	1/4"	6,4	0,468	11,90	4350	300	17400	1200	1,574	40	0,11	0,17
THMTH105	8	5/16"	8	0,551	14,00	3480	240	13920	960	1,967	50	0,15	0,22
THMTH106	10	3/8"	9,7	0,629	16,00	3260	225	13050	900	2,360	60	0,17	0,26
THMTH108	12	1/2"	13	0,755	19,20	2755	190	11020	760	2,950	75	0,22	0,33
THMTH110	16	5/8"	16,0	0,917	23,30	2175	150	8700	600	4,327	110	0,28	0,41
THMTH112	19	3/4"	19,2	1,003	25,50	1885	130	7540	520	5,901	150	0,31	0,45
THMTH116	25	1"	25,6	1,279	32,50	1520	105	6090	420	7,278	185	0,40	0,59
THMTH120	31	1" 1/4	31,8	1,574	40,00	1015	70	4060	280	11,40	290	0,60	0,89

	<b>TEKNO MTH1 3/8"</b>	(9,5mm)	EN 853 SAE 100R1	225 Bar 22,5 MPa	<b>3260 Psi</b>
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MARKING/MARCATURA: TRANSFER TAPE

**OPERATING****TEMPERATURE RANGE:**

- 40°C/+100°C  
(-40°F to +212°F)

Air and water: max+ 70°C (+158°F)

**TUBE:**

Thermoplastic polyester

**REINFORCEMENT:**

one high tensile steel braid

**COVER:**

**Standard:** antiabrasion polyurethane stabilized to UV rays

**TEMPERATURA****DI ESERCIZIO:**

- 40°C/+100°C  
(-40°F to +212°F)

Aria e acqua: max+ 70°C (+158°F)

**SOTTOSTRATO:**

Poliestere temoplastico

**RINFORZO:**

una treccia di acciaio ad alto carico

**COPERTURA:**

**Standard:** Poliuretano antiabrasione stabilizzato ai raggi UV