



ZEC S.p.A.

Via Lungolorno 11 - 42052 Colorno (PR) - Italia

Tel. 0521 816631 - Fax 0521 816772

info@zecspa.com - www.zecspa.com

Capitale sociale: Euro 1.000.000

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Conductive MT1S Series Thermoplastic hose Extra Tough - Oil proof Cover*

- PRESSURE FROM 70 TO 375 BAR - SAFETY RATIO 1:4
- PRESSURE FROM 94 TO 500 BAR - SAFETY RATIO 1:3
- SAE 100R1 STANDARD, EN 853 1st, 1SN - EN 857 1SC



GENERAL INDUSTRY

TECHNICAL FEATURES

Metric

	ID			OD	1:4 WP	1:3 WP	R MIN	g	
Code	inch	mm	DN	mm	bar	bar	mm	g/m	Ferrule Code
MT1S10000	1/8"	3.5	3	8.0	375	500	30	80	BP18MT1
MT1S20000	3/16"	4.8	5	10.5	350	467	30	137	BP316R7
MT1S30000	1/4"	6.4	6	12.5	300	400	40	173	BP14MT1
MT1S40000	5/16"	8.0	8	14.6	240	320	50	214	BP516R7V
MT1S50000	3/8"	9.7	10	16.5	225	300	60	266	BP380L7M
MT1S60000	1/2"	13.0	12	21.0	190	254	75	372	BP12JC7
MT1S70000	5/8"	16.3	16	24.0	150	200	110	426	BP58JC7
MT1S80000	3/4"	19.2	19	26.0	130	174	150	456	BP34JC7
MT1S90000	1"	25.6	25	33.0	105	140	185	610	BP1JC7
MT1S100000	1"1/4	32.0	32	41.0	70	94	290	842	BP114JC7

TECHNICAL FEATURES

Technical-constructive features:

Inner core in polyamide, reinforcement in high tensile steel braid and exterior covering in antiabrasion polyurethane, micro perforated on request for the conduction of air and compatible gases.

Applications:

hoses of the MT1S Series EXTRA TOUGH have been created for hydraulic use and for the high pressure conduction of Polyols, Solvents, Paints and compatible gases, in applications requiring good resistance to extreme abrasions.

Working temperature:

from -40°C to +100°C from -40°F to +212°F.

Max. working temperature of air, water and water-based fluids is + 70°C (+158°F).

Working pressure:

Safety ratio 1:4 for DYNAMIC pressure

Safety ratio 1:3 for STATIC Pressure

Vacuum rating:

0.93 bar; 700 mm Hg

Specifications:

Hoses meet or exceed pressures under SAE 100R1 - EN 853 1st, 1SN - EN 857 1SC Standards.

****The oil-proof feature of the cover means that the hose is resistant to prolonged contact with oils and lubricants.***

NORMATIVE

EN 853

EN 857

SAE J517-100 R1

For any further information about the optional items, please contact the sales office ()