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Numero REA: PR - 173914

## Conductive MT1 Series Thermoplastic hose - Oil-proof Cover\*

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



GENERAL INDUSTRY

## TECHNICAL FEATURES

Metric

Code	ID			OD	1:4 WP		1:3 WP		R MIN	g	Ferrule Code
	inch	mm	DN		bar	bar	mm	g/m			
MT110000	1/8"	3.5	3	7.5	375	500	30	76	BP18MT1		
MT120000	3/16"	4.8	5	10.0	350	467	30	131	BP316R7		
MT130000	1/4"	6.4	6	11.9	300	400	40	165	BP14MT1		
MT140000	5/16"	8.0	8	14.0	240	320	50	205	BP516R7V		
MT150000	3/8"	9.7	10	16.0	225	300	60	253	BP38R7V		
MT160000	1/2"	13.0	12	19.2	190	254	75	314	BP12R7V		
MT170000	5/8"	16.3	16	23.3	150	200	110	406	BP58R7V		
MT180000	3/4"	19.2	19	25.5	130	174	150	447	BP34R7V		
MT190000	1"	25.6	25	32.5	105	140	185	590	BP1R7V		
MT1100000	1"1/4	32.0	32	40.0	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 MT1 series have been created for the high pressure conduction of Polyols, Solvents, Paints and compatible gases.

### 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 (vendite@zecspa.com - sales@zecspa.com)