MT1
OIL PROOF COVER



Caratteristiche principali

- **Pressione da 70 a 375 bar - rapporto sicurezza 1:4**
- **Pressione da 94 a 500 bar - rapporto sicurezza 1:3**
- **Normativa SAE 100R1, EN 853 1ST, 1SN - EN 857 1SC**
- **Soluzione conduttiva ad alta pressione per olii, polioli, solventi, vernici e gas compatibili**

Main Features

- ***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***
- ***High pressure conductive solution for oils, polyols, solvents, paints and compatible gases***

Caratteristiche tecniche

- **Caratteristiche tecnico-costruttive:**

Anima interna in poliammide, rinforzo in treccia acciaio ad alta resistenza e rivestimento esterno in poliuretano antiabrasione, a richiesta microperforato per passaggio aria e gas compatibili.

- **Temperature di utilizzo:**

Da -40°C a +100°C Da -40°F a +212°F
Per aria, acqua e fluidi a base acquosa la temperatura massima di esercizio è + 70°C (+158°F).

- **Pressioni d'esercizio:**

Rapporto di sicurezza 1:4 per pressione DINAMICA
Rapporto di sicurezza 1:3 per pressione STATICA

- **Valore max. di vuoto:**

0,93 bar; 700 mm Hg

- **Specifiche:**

Tubazioni conformi o superiori alle pressioni delle norme SAE 100R1 - EN 853 1ST, 1SN - EN 857 1SC.

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.

- ***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.

Scheda tecnica - *Data Sheet*

CODE	inch	-dash	mm	DN	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	FERRULE CODE
			ID		OD		1:4 WP		1:3 WP		R MIN		g		
MT110000	1/8"	-2	3.5	3	0.295	7.5	375	5437	500	7250	30	1.18	76	0.051	BP18MT1
MT120000	3/16"	-3	4.8	5	0.394	10.0	350	5075	467	6772	30	1.18	131	0.088	BP316R7
MT130000	1/4"	-4	6.4	6	0.469	11.9	300	4350	400	5800	40	1.57	165	0.111	BP14MT1
MT140000	5/16"	-5	8.0	8	0.551	14.0	240	3480	320	4640	50	1.97	205	0.138	BP516R7V
MT150000	3/8"	-6	9.7	10	0.630	16.0	225	3262	300	4350	60	2.36	253	0.170	BP38R1TV
MT160000	1/2"	-8	13.0	12	0.756	19.2	190	2755	254	3683	75	2.95	314	0.211	BP12R2TV
MT170000	5/8"	-10	16.3	16	0.917	23.3	150	2175	200	2900	110	4.33	406	0.273	BP58R7V
MT180000	3/4"	-12	19.2	19	1.003	25.5	130	1885	174	2523	150	5.91	447	0.300	BP34R7V
MT190000	1"	-16	25.6	25	1.280	32.5	105	1520	140	2030	185	7.28	590	0.396	BP1R7V
MT1100000	1"1/4	-20	32.0	32	1.574	40.0	70	1015	94	1360	290	11.41	842	0.566	BP114JC7