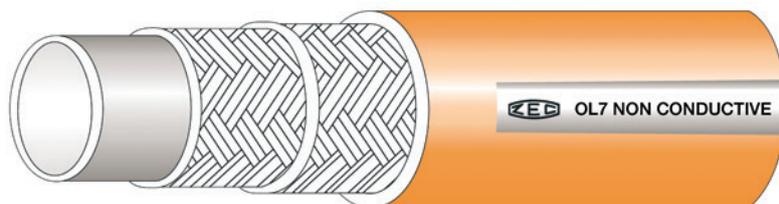


THERMOPLASTIC HOSES OL7 NON CONDUCTIVE - ANSI A92.2 SERIES

从 70 bar 到 250 bar



符合或超过SAE 100R7标准的纺织增强型OL7 NON CONDUCTIVE系列软管的技术特点

Technical features of the OL7 NON CONDUCTIVE series hoses with textile reinforcement meeting or exceeding SAE 100R7 standard

数据表-热塑性软管OL7 NON CONDUCTIVE- ANSI A92.2系列 DATA SHEET - THERMOPLASTIC HOSES OL7 NON CONDUCTIVE - ANSI A92.2 SERIES

参考 Reference	Ø				压力在 23°C PRESSURE AT 23°C	压力 - SAE PRESSURE - SAE	压力 - ANSI PRESSURE - ANSI	半径 RADIUS		重量 Weight (g/m)	金属箍 代码 Ferrule Code
	内径 internal (inch)	内径 internal (mm)	外径 external (inch)	外径 external (mm)	爆破 (最小) min. Burst (bar)	工作 (最大) Working max. (bar)	工作 (最大) Working max. (bar)	弯曲 (最小) min. Bend (mm)	弯曲 (最小) min. Bend (inch)		
OL710001	1/8"	3.5	0.335	8.5	920	230	240	12	0.47	57	BP18R7
OL78940001	5/32"	4.0	0.350	8.9	1000	250	260	25	0.98	58	BP532R7
OL720001	3/16"	4.8	0.394	10.0	840	210	224	30	1.18	73	BP316R7
OL730001	1/4"	6.4	0.465	11.8	800	200	220	35	1.38	90	BP14R7
OL740001	5/16"	8.0	0.563	14.3	760	190	220	45	1.77	128	BP516R7V
OL750001	3/8"	9.7	0.630	16.0	700	175	210	55	2.17	155	BP38R7V
OL760001	1/2"	13.0	0.799	20.3	560	140	185	75	2.95	219	BP12R7V
OL770001	5/8"	16.0	0.925	23.5	420	105	140	120	4.72	277	BP58R7V
OL780001	3/4"	19.2	1.043	26.5	360	90	120	145	5.71	330	BP34R7V
OL790001	1"	25.6	1.322	33.6	280	70	90	200	7.87	403	BP1R7V

技术构造特征:

热塑性聚酯内芯，聚酯纤维增强，外覆橙色，抗磨损非微穿孔聚安酯，抗紫外线，耐微生物。

应用程序:

OL7 NON CONDUCTIVE系列软管专为中压液压应用而设计，适用于需要高电气隔离的应用。这些软管符合标准 SAE J517 § 20.4.1，在250.000 V/m以下泄漏小于50 µA，适用于空中移动平台。

使用温度:

从 -40°C a +100°C
水和含水液体的最高工作温度: + 70 °C。 (+158 °F)

工作压力:

如果软管故障可能导致平台或材料提升装置或两者移动，则要求安全比为1:4。
如果软管故障不会导致高空作业装置移动，则可接受1:3的安全比。
SAE标准要求安全比为1:4。

真空等级:

0.93 bar

规格说明:

这些软管符合或超过SAE J517 sec. SAE 100R7 - ISO 3949标准，并符合ANSI A92.2用于车载空中设备。

Technical-constructive features:

Internal core in thermoplastic polyester, reinforcement in polyester fiber, exterior covering in orange, antiabrasion not microperforated polyurethane stabilized to UV rays and resistant to micro-organisms.

Applications:

The OL7 NON CONDUCTIVE series hoses have been created for hydraulic use at medium pressure for applications requiring a high electrical isolation. These hoses meet standard SAE J517 §20.4.1 for less than 50 µA leakages under 250.000 V/m, suitable for air traveling platforms.

Utilization temperature:

From -40°C to +100°C
Max. working temperature of water and fluids containing water: + 70°C. (+158°F)

Working pressure:

Safety Ratio 1:4 is required if hose failure could result in motion of the platform(s), or material lifting device, or both.
Safety Ratio 1:3 is acceptable if hose failure will not result in motion of aerial devices.
SAE standard requires Safety Ratio 1:4.

Vacuum Rating:

0.93 bar

Specifications:

These hoses meet or exceed standards SAE J517 sec. SAE 100R7 - ISO 3949 and complies with ANSI A92.2 for vehicle-mounted aerial devices.

