

Hydraulic Hose 勁柔型 高壓油管

SAE J517 100R16 (S type)

Application : Hydraulic, curde, fuel and lubricating oils. Meet J517 100R16(S Type). Smaller bending radius and light weight design, suitable for use in confined spaces.

Construction

Tube: NBR - oil resistant black synthetic rubber.

Cover: CR - oil,abrasion, weather aging and ozone resistant synthetic rubber.

Reinforcement: Double high tesile steel braid

Temp.Range: -40 °C ~ +100°C

Operating temperature in excess of 100°C may materially reduce the service life of hose assembly.

Max. change in length: -4% ~+2% (Under W.P.)

用途

一般作動油,符合SAE J517 100R16(S Type) 較小彎曲半徑與輕量化設計,適合較窄環境之配管使用

構造

內管層: 耐油性佳之合成橡膠配方

外管層: 耐油,耐磨,耐候性之橡膠配方

補強層: 2層高張力鋼絲編織

適用溫度: -40 °C ~ +100°C

注意!! 使用溫度超過100°C時, 會顯著降低夾合膠管使用壽命.

爆破壓力: 工作壓力x4

長度加壓變化: -4% ~+2% (在工作壓力下)

Hose I.D. Size			Reinforcement		Hose O.D.	Min B.R.	Approx.Wt.	SAE 100R16 (S Type)	
膠管內徑			補強層		膠管外徑	最小彎曲半徑	約當重量	Max.W.P.	Min.B.P.
dash	inch	(mm)	braid 編織	O.D. mm	mm	mm	kg/m	工作壓力	爆破壓力
							MPa		MPa
							(psi)		(psi)
-4	1/4	(6.4)	2W	12.0	14.2	50	0.38	40 (5,800)	160 (23,200)
-5	5/16	(7.9)	2W	13.1	15.1	55	0.39	35 (5,075)	140 (20,300)
-6	3/8	(9.5)	2W	15.1	17.5	65	0.42	33 (4,785)	132 (19,140)
-8	1/2	(12.7)	2W	18.6	21.2	90	0.59	27.5 (3,988)	110 (15,950)
-10	5/8	(15.9)	2W	22.1	24.7	100	0.72	25 (3,625)	100 (14,500)
-12	3/4	(19.0)	2W	26.0	28.6	120	0.92	21.5 (3,118)	86 (12,325)
-16	1	(25.4)	2W	33.0	35.9	150	1.25	16.5 (2,393)	66 (9,425)