

STARFLEX R16

HYDRAULIC HOSE

MEETS OR EXCEEDS REQUIREMENT FOR SAE J517-100R16

Compact wire braid hydraulic hoses have been increasingly used in many hydraulic applications over the recent years. Hoses of this type are smaller in diameter than one and two braid hoses with similar performance characteristics specified in SAE100 R1 & R2 which gives them the ability to operate at smaller bend radii. They are also lighter in weight and their compactness offers advantages when minimal space is available in installations.

Construction: Synthetic rubber black tube; two high tensile steel wire compact braid reinforcement; synthetic rubber black outer cover. Oil, fuel, weather, ozone and abrasion resistant. *Additional cover material options below.

Application: Medium pressure service with high temperature petroleum base hydraulic fluids, hot oil, grease, lubricant, and crude oils, air and water.

Temperature Range: -40°C to +100°C (-40°F to +212°F) constant operation.

SPECIFICATIONS

HOSE DASH SIZE	INSIDE DIAMETER IN (MM)	OUTSIDE DIAMETER IN (MM)	REINFORCEMENT	MAXIMUM WORKING PRESSURE PSI (BAR)	MINIMUM BURST PRESSURE PSI (BAR)	MINIMUM BEND RADIUS IN (MM)	WEIGHT LB/FT (KG/M)
-04	1/4 (6.4)	0.57 (14.4)	2 WIRE	5800 (400)	23000 (1600)	2.0 (50)	0.17 (0.26)
-05	5/16 (7.9)	0.62 (15.7)	2 WIRE	5075 (350)	20000 (1400)	2.1 (55)	0.21 (0.31)
-06	3/8 (9.5)	0.74 (18.8)	2 WIRE	4780 (330)	19000 (1320)	2.6 (65)	0.27 (0.40)
-08	1/2 (12.7)	0.86 (21.9)	2 WIRE	3980 (275)	15500 (1100)	3.5 (90)	0.32 (0.48)
-10	5/8 (15.9)	1.00 (25.4)	2 WIRE	3620 (250)	14500 (1000)	3.9 (100)	0.37 (0.55)
-12	3/4 (19.0)	1.14 (28.9)	2 WIRE	3110 (215)	12000 (827)	4.7 (120)	0.47 (0.71)
-16	1.0 (25.4)	1.44 (36.5)	2 WIRE	2390 (165)	9500 (660)	5.9 (150)	0.67 (1.00)

Optional Cover Materials:

SEPMERROCK product line is a further improvement on our well know FLH product used in high abrasion environments. In addition to its recognized benefits of excellent resistance to ozone, UV radiation, high temperatures and salt water, it meets the special requirements of the underground coal mining industry.

SEPMERSHIELD products are characterized by excellent wear and ozone resistance which is achieved by the double-layer construction with rubber cover and an additional UHMW foil. Even after one million cycles, no measurable abrasion can be detected when tested according to EN ISO 6945. Approved by US-MSHA.



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