

FLEXPAC 3000

HYDRAULIC HOSE

MEETS OR EXCEEDS REQUIREMENT OR SAE J517-100R17

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 SAE 100 R1 and 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; one or two high tensile steel wire compact braid reinforcement; synthetic rubber black outer cover. Oil, fuel, weather, ozone and abrasion resistant.

-04, -06, -08 - 1 wire braid

-10, -12, -16 - 2 wire braid

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.

ENGLISH DIMENSIONS

HOSE DASH SIZE	INSIDE DIAMETER (IN.)	OUTSIDE DIAMETER (IN.)	REINFORCEMENT	MAXIMUM WORKING PRESSURE (PSI)	MINIMUM BURST PRESSURE (PSI)	MINIMUM BEND RADIUS (IN.)	WEIGHT (LBS./FT.)
-04	1/4	0.48	1 WIRE	3,000	12,000	2.0	0.10
-06	3/8	0.61	1 WIRE	3,000	12,000	2.5	0.18
-08	1/2	0.77	1 WIRE	3,000	12,000	3.5	0.28
-10	5/8	0.94	2 WIRE	4,000	16,000	4.0	0.44
-12	3/4	1.09	2 WIRE	3,500	14,000	5.0	0.59
-16	1	1.50	2 WIRE	3,000	12,000	6.0	1.05

METRIC DIMENSIONS

HOSE DASH SIZE	INSIDE DIAMETER (MM)	OUTSIDE DIAMETER (MM)	REINFORCEMENT	MAXIMUM WORKING PRESSURE (BAR)	MINIMUM BURST PRESSURE (BAR)	MINIMUM BEND RADIUS (MM)	WEIGHT (KG/M)
-04	6.4	12.1	1 WIRE	207	827	50	0.15
-06	9.5	15.6	1 WIRE	207	827	65	0.26
-08	12.7	19.5	1 WIRE	207	827	90	0.41
-10	15.9	23.7	2 WIRE	276	1103	100	0.66
-12	19.0	27.7	2 WIRE	241	965	125	0.87
-16	25.4	38.1	2 WIRE	207	827	150	1.56



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