

# FLEXPAC 5000

## HYDRAULIC HOSE

FOR VERY HIGH PRESSURE OR EXTRA HIGH PULSATING PRESSURE SERVICE

**Construction:** Synthetic rubber black tube; synthetic rubber black outer cover. Oil, fuel, weather, ozone and abrasion resistant.

-04, -06, -08, - 2 wire braid separated by synthetic rubber layer.

-10S, -12S, -16S - 4 spirally wrapped high tensile steel wire reinforcement separated by rubber cushion on a fabric layer

**Application:** -04, -06 - Very high pressure service with tight bends.

-08 - Very high pressure service with regular bends.

-10S, -12S, -16S - Extra high pulsating pressure service with tight bends.

All for use with petroleum base hydraulic fluids, hot oil, grease, lubricant, crude and fuel oils, air and water.

**Rating:** -04, -06 - Meets or exceeds the requirement of SAE J517 100 R16

-08 - Meets or exceeds the requirement of SAE J517 100 R2

-10S, -12S, -16S - Exceeds the requirement of SAE J517 100 R13

**Temperature Range:** -04, -06, -08, -40°C to +100°C (40°F to +212°F) constant operation.

-10S, -12S, -16S -40°C to +121°C (-40°F to +250°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	.53	2 WIRE	5,850	20,400	2.0	0.18
-06	3/8	.69	2 WIRE	5,000	20,000	2.5	0.28
-08	1/2	.87	2 WIRE	5,000	20,000	6.0	0.52
-10S	5/8	1.11	4 SPIRAL	5,000	20,000	5.0	0.75
-12S	3/4	1.27	4 SPIRAL	5,000	20,000	5.5	1.08
-16S	1	1.53	4 SPIRAL	5,000	20,000	6.0	1.35

### 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	13.4	2 WIRE	403	1614	51	0.27
-06	9.5	17.4	2 WIRE	345	1379	64	0.42
-08	12.7	22.2	2 WIRE	345	1379	150	0.77
-10S	15.9	28.2	4 SPIRAL	345	1379	125	1.10
-12S	19.0	32.2	4 SPIRAL	345	1379	140	1.60
-16S	25.4	38.7	4 SPIRAL	345	1379	150	2.00



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