







SAE 100 R16 ISO 11237-1

													
HOSE SIZE		R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
DN	Inch	mm	Inch	mm	Inch	bar	psi	bar	psi	mm	Inch	G/m	lb/ft
6	1/4	11.6	0.46	13.2	0.52	350	5070	1400	20300	50	1.97	260	0.17
8	5/16	12.9	0.51	14.5	0.57	297	4300	1190	17250	55	2.17	285	0.19
10	3/8	15.4	0.61	17.0	0.67	280	4060	1120	16240	63	2.48	385	0.26
12	1/2	18.5	0.73	20.3	0.80	245	3550	980	14210	88	3.46	465	0.31
16	5/8	22.2	0.87	24.0	0.94	210	3040	840	12180	100	3.94	605	0.41
19	3/4	25.6	1.01	27.7	1.09	210	3040	840	12180	120	4.72	795	0.53
25	1	32.3	1.27	34.6	1.36	140	2030	560	8120	150	5.91	1090	0.73

**CONTINUOUS SERVICE TEMPERATURE RANGE :** -40°F / +212°F, -40°C / +100°C

**MAX OPERATING TEMPERATURE :** (Intermittent Service) 250°F 121°C

**RECOMMENDED FLUIDS :** Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water.

**TUBE :** Oil resistant synthetic rubber







**REINFORCEMENT :** Two high tensile steel braid

**COVER :** Environment resistant synthetic rubber

**APPLICABLE SPECS. :** SAE 100 R16 - ISO 11237-1 R16;

In addition : DN 16, 19 SAE 100 R17 - ISO 11237-1 R17

SAE 100 R17 ISO 11237-1

													
HOSE SIZE		R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
DN	Inch	mm	Inch	mm	Inch	bar	psi	bar	psi	mm	Inch	g/m	lb/ft
6	1/4	10.2	0.40	12.0	0.47	210	3040	840	12180	50	1.97	180	0.12
8	5/16	11.5	0.45	13.6	0.54	210	3040	840	12180	55	2.17	210	0.14
10	3/8	14.4	0.57	16.2	0.64	210	3040	840	12180	65	2.56	315	0.21
12	1/2	17.9	0.70	19.7	0.78	210	3040	840	12180	90	3.54	435	0.29

**CONTINUOUS SERVICE TEMPERATURE RANGE :** -40°F / +212°F, -40°C / +100°C

**MAX OPERATING TEMPERATURE :** (Intermittent Service) 250°F 121°C

**RECOMMENDED FLUIDS :** Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water.

**TUBE :** Oil resistant synthetic rubber.

**REINFORCEMENT :** One high tensile steel braid.

**COVER :** Environment resistant synthetic rubber.

**APPLICABLE SPECS. :** SAE 100 R17 - ISO 11237-1 R17