

# BPR5R



## SAE 100 R5R

### Construction







Synthetic rubber inner tube  
Textile braid and high tensile steel wire braid  
Synthetic rubber cover

### Recommended fluid

Mineral oils, vegetable and rape seed oils, polyglycol and glycol base oils, synthetic ester based oils, water-oil emulsions, and water.

### Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)  
Polyglycol base oils, water-oil emulsion and water:  
up to +85°C (+ 185°F)

HOSE TYPE	 Internal diameter			 External diameter	 Min. bend radius	 Max. Working pressure		 Min. Burst pressure		 Weight
	Size	Inch	DN	mm	mm	Bar	Psi	Bar	Psi	Kg/m
BPR5R-04	6,4	1/4"	6	14,8	86	207	3000	827	12000	0,29
BPR5R-05	7,9	5/16"	8	17,1	102	155	2250	621	9000	0,36
BPR5R-07	10,3	13/32"	11	19,5	117	138	2000	552	8000	0,48
BPR5R-08	12,7	1/2"	12	23,4	140	121	1750	483	7000	0,55
BPR5R-10	15,9	5/8"	16	27,4	165	103	1500	414	6000	0,65
BPR5R-15	22,2	7/8"	22	31,4	187	55	800	221	3200	0,69
BPR5R-17	28,6	1-1/8"	29	38,1	229	43	625	172	2500	0,84
BPR5R-29	46,0	1-13/16"	46	56,4	337	24	350	96	1400	1,26

Size: hose internal diameter according to SAE J517

Inch: hose internal diameter in inches

DN: nominal internal diameter according to manufacturing prescription (EN)

1 bar = 14,503 pound per square inch (PSI)