



SAE 100 R16

Construction







Oil resistant synthetic rubber
Two highly tensile steel wire braid
Abrasion and weather resistant synthetic rubber

Recommended fluid

Petroleum base hydraulic fluids

Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F) ;
Intermittent service: +120°C(+248°F)
Max. Temperature recommended for water base hydraulic fluids: +70°C (+158°F)
Max. Temperature recommended for air: +60°C (+140°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
QH3-04	-4	1/4"	6	13,2	51	350	5050	1400	20300	0,27
QH3-05	-5	5/16"	8	14,5	57	297	4300	1190	17250	0,35
QH3-06	-6	3/8"	10	17,0	63	280	4050	1120	16200	0,42
QH3-08	-8	1/2"	12	20,3	89	245	3550	980	14200	0,52
QH3-10	-10	5/8"	16	23,9	102	192	2750	770	11150	0,63
QH3-12	-12	3/4"	19	27,7	121	157	2250	630	9100	0,81
QH3-16	-16	1"	25	34,6	152	140	2000	560	8100	1,17

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)