



### DIN EN 857 1SC

#### Construction







Oil resistant synthetic rubber  
One 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
QHC1-04	-4	1/4"	6	12,5	75	225	3250	900	13050	0,14
QHC1-05	-5	5/16"	8	14,0	80	215	3100	860	12450	0,20
QHC1-06	-6	3/8"	10	16,5	90	180	2600	720	10400	0,26
QHC1-08	-8	1/2"	12	19,8	127	160	2300	640	9250	0,35
QHC1-10	-10	5/8"	16	23,0	153	130	1850	520	7500	0,48
QHC1-12	-12	3/4"	19	26,7	180	105	1500	420	6050	0,60
QHC1-16	-16	1"	25	34,9	230	88	1250	352	5100	0,90

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)