



DIN EN 854 / SAE 100 R4

Construction







Synthetic rubber inner tube
Two high resistance textile braids additionally reinforced with an helical steel wire
Synthetic rubber cover

Recommended fluid

Suction, delivery, return & discharge of Petroleum base hydraulic fluids

Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F) ;
Intermittent service: +100°C (+248°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
R4-12	-12	3/4"	19	34,9	125	21	300	84	1200	0,92
R4-16	-16	1"	25	41,3	150	17	200	70	1000	1,10
R4-20	-20	1-1/4"	32	50,8	200	14	200	56	800	1,30
R4-24	-24	1-1/2"	38	57,2	255	10,5	150	42	600	1,80
R4-32	-32	2"	51	69,9	300	7	100	28	400	2,23

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)