



High pulsing
Extremely high abrasion resistance

SAE 100 R12

Construction







Synthetic rubber inner tube
 Four high tensile steel wire spirals
 Synthetic rubber cover

Recommended fluid

Petroleum base hydraulic fluids

Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F) ;
 Intermittent service: +100°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
R12-06	-6	3/8"	10	20,0	125	280	4060	1120	16240	0,65
R12-08	-8	1/2"	12	23,6	180	280	4060	1120	16240	0,80
R12-10	-10	5/8"	16	27,2	200	280	4060	1120	16240	1,16
R12-12	-12	3/4"	19	30,7	240	280	4060	1120	16240	1,27
R12-16	-16	1"	25	38,0	300	280	4060	1120	16240	1,91
R12-20	-20	1-1/4"	31	47,0	420	210	3045	840	12180	2,53
R12-24	-24	1-1/2"	38	53,5	500	175	2540	700	10150	3,40

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)