



**High pulsing**  
**Extremely high abrasion resistance**

### SAE 100 R9

#### 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
<b>R9-06</b>	-6	3/8"	10	20,0	125	315	4570	1260	18270	0,65
<b>R9-08</b>	-8	1/2"	12	23,6	180	280	4060	1120	16240	0,80
<b>R9-12</b>	-12	3/4"	19	30,7	240	210	3045	840	12180	1,27
<b>R9-16</b>	-16	1"	25	38,0	300	210	3045	840	12180	1,91
<b>R9-20</b>	-20	1-1/4"	31	47,0	420	175	2540	700	10150	2,53
<b>R9-24</b>	-24	1-1/2"	38	53,5	500	140	2030	560	8120	4,30
<b>R9-32</b>	-32	2"	51	66,5	660	140	2030	560	8120	5,63

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)