



High pulsing

Extremely high abrasion resistance

SAE 100 R13

Construction

Synthetic rubber inner tube
Six 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
R13-12	-12	3/4"	19	32,0	240	345	5000	1380	20000	1,65
R13-16	-16	1"	25	38,7	300	345	5000	1380	20000	2,25
R13-20	-20	1-1/4"	31	49,8	420	345	5000	1380	20000	3,31
R13-24	-24	1-1/2"	38	57,3	500	345	5000	1380	20000	4,95

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)