



### DIN EN 853 1SN / SAE 100 R1AT

#### Construction







Oil resistant synthetic rubber  
One high tensile steel wire braid  
Oil, abrasion and weather resistant synthetic rubber cover

#### Recommended fluid

Petroleum base hydraulic fluids

#### Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°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
HAN1-04	-4	1/4"	6.3	13,4	100	225	3250	900	13050	0,21
HAN1-05	-5	5/16"	8	15,0	115	215	3100	850	12300	0,24
HAN1-06	-6	3/8"	10	17,4	130	180	2600	720	10400	0,33
HAN1-08	-8	1/2"	12	20,6	180	160	2300	640	9250	0,41
HAN1-10	-10	5/8"	16	23,7	200	130	1850	520	7500	0,45
HAN1-12	-12	3/4"	19	27,7	240	105	1500	420	6050	0,58
HAN1-16	-16	1"	25	35,5	300	88	1250	350	5050	0,88
HAN1-20	-20	1-1/4"	31	43,5	420	63	900	250	3600	1,23
HAN1-24	-24	1-1/2"	38	50,6	500	50	700	200	2900	1,51
HAN1-32	-32	2"	51	64,0	630	40	550	160	2300	1,97

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)