

**HIGH TEMPERATURE**
**CHT1**

**EN 853 1SN / SAE 100 R1AT**
**HIGH TEMPERATURE**
**Construction**







Synthetic rubber inner tube  
 One high tensile steel wire braid  
 Blue synthetic rubber cover

**Recommended fluid**

Mineral oils, vegetable and rape seed oils, polyglycol and glycol base oils, synthetic ester based oils, water-oil emulsions, and water.

**Temperature range**

Hydraulic oils: -40°C to +135°C (-40°F to +275°F)  
 Sporadic peak up to +150°C (+302°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
CHT1-04	-4	1/4"	6	14,1	100	225	3250	900	13050	0,25
CHT1-05	-5	5/16"	8	15,7	115	215	3100	850	12300	0,31
CHT1-06	-6	3/8"	10	18,1	130	180	2600	720	10400	0,36
CHT1-08	-8	1/2"	12	21,5	180	160	2300	640	9250	0,45
CHT1-10	-10	5/8"	16	24,7	200	130	1850	520	7500	0,52
CHT1-12	-12	3/4"	19	28,6	240	105	1500	420	6050	0,65
CHT1-16	-16	1"	25	36,6	300	88	1250	350	5050	0,91
CHT1-20	-20	1-1/4"	31	44,8	420	63	900	250	3600	1,30
CHT1-24	-24	1-1/2"	38	52,0	500	50	700	200	2900	1,70
CHT1-32	-32	2"	51	65,9	630	40	550	160	2300	2,00

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)