

HIGH TEMPERATURE
CHT2

EN 853 2SN / SAE 100 R2AT
HIGH TEMPERATURE
Construction







Synthetic rubber inner tube
Two 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
CHT2-04	-4	1/4"	6	15,7	100	400	5800	1600	23200	0,36
CHT2-05	-5	5/16"	8	17,3	115	350	5050	1400	20300	0,45
CHT2-06	-6	3/8"	10	19,7	125	330	4750	1320	19100	0,54
CHT2-08	-8	1/2"	12	23,1	180	275	3950	1100	15950	0,68
CHT2-10	-10	5/8"	16	26,3	205	250	3600	1000	14500	0,80
CHT2-12	-12	3/4"	19	30,2	240	215	3100	850	12300	0,94
CHT2-16	-16	1"	25	38,9	300	165	2350	650	9400	1,35
CHT2-20	-20	1-1/4"	31	49,6	420	125	1800	500	7250	2,15
CHT2-24	-24	1-1/2"	38	56,0	500	90	1300	360	5200	2,65
CHT2-32	-32	2"	51	68,6	630	80	1150	320	4600	3,42

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)