

# CST1



**EN 853 1SN / SAE 100 R1AT**

**SMOOTH COVER**

### Construction







Synthetic rubber inner tube  
 One high tensile steel wire braid  
 Synthetic smooth 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 +100°C (-40°F to +212°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
<b>CST1-04</b>	-4	1/4"	6	13,4	102	225	3250	900	13050	0,21
<b>CST1-05</b>	-5	5/16"	8	15,0	114	215	3100	850	12300	0,24
<b>CST1-06</b>	-6	3/8"	10	17,4	127	180	2600	720	10400	0,33
<b>CST1-08</b>	-8	1/2"	12	20,6	178	160	2300	640	9250	0,41
<b>CST1-10</b>	-10	5/8"	16	23,7	203	130	1850	520	7500	0,45
<b>CST1-12</b>	-12	3/4"	19	27,7	241	105	1500	420	6050	0,58
<b>CST1-16</b>	-16	1"	25	35,5	305	88	1250	350	5050	0,88

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)