










PART NUMBER	I.D. (REF) mm [in]	O.D. (MAX) mm [in]	OPERATING PRESSURE bar [psi]	MIN. BURST PRESSURE bar [psi]	OPERATING PRESSURE bar [psi]	MIN. BURST PRESSURE bar [psi]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
SC-4TW	4.8 [.19]	8.2 [.32]	207 [3000]	827 [12000]	241 [3500]	965 [14000]	50.8 [2.00]	0.09 [.06]
SC-5TW	6.4 [.25]	10.1 [.40]	207 [3000]	827 [12000]	—	—	76.2 [3.00]	0.12 [.08]
SC-6TW	7.9 [.31]	11.6 [.46]	172 [2500]	689 [10000]	190 [2750]	758 [11000]	101.6 [4.00]	0.15 [.10]
SC-7TW	9.6 [.38]	13.4 [.53]	138 [2000]	552 [8000]	—	—	127 [5.00]	0.16 [.11]
SC-8TW	10.4 [.41]	14.3 [.56]	138 [2000]	552 [8000]	155 [2250]	621 [9000]	127 [5.00]	0.18 [.12]
SC-10TW 	12.7 [.50]	16.8 [.66]	121 [1750]	483 [7000]	138 [2000]	552 [8000]	165.1 [6.50]	0.25 [.17]
SC-12TW 	15.7 [.62]	20.1 [.79]	103 [1500]	414 [6000]	103 [1500]	414 [6000]	190.5 [7.50]	0.28 [.19]
SC-14TW 	19.1 [.75]	23.3 [.92]	69 [1000]	276 [4000]	—	—	215.9 [8.50]	0.37 [.25]
SC-16TW	22.4 [.88]	26.9 [1.06]	69 [1000]	276 [4000]	83 [1200]	331 [4800]	228.6 [9.00]	0.40 [.27]
SC-18ZTW  	25.4 [1.00]	31.6 [1.24]	69 [1000]	276 [4000]	83 [1200]	331 [4800]	304.8 [12.00]	0.79 [.53]
SC-4TW316SS 	4.8 [.19]	8.2 [.32]	207 [3000]	827 [12000]	—	—	50.8 [2.00]	0.09 [.06]
SC-16TW316SS 	22.4 [.88]	26.9 [1.06]	62 [900]	248 [3600]	—	—	228.6 [9.00]	0.40 [.27]


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REDRAWN 1) ADDED PRESSURE RATINGS WITH E SERIES FITTINGS.	2011-07-25 GRL/DHS	0059226-ECO
D	1) ADDED OPERATING PRESSURE AND MIN. BURST PRESSURE FOR PART # SC-18ZTW WITH E SERIES FITTINGS.	2012-07-26 RDZ/PSW	0073829-ECO
E	UPDATED TO DANFOSS FORMAT.	2023-05-27 ALL	CO-0229745


 THESE OPERATING PRESSURES AND MIN BURST PRESSURES APPLY WHEN E SERIES FITTINGS ARE USED WITH FLAT CRIMP OPTION.

 316 STAINLESS STEEL WIRE.

 103BAR [1500PSI] OPERATING AND 414BAR [6000PSI] MIN. BURST PRESSURES APPLY WHEN USING FLAT TEFLON CRIMP FITTINGS

 83BAR [1200PSI] OPERATING AND 345BAR [5000PSI] MIN. BURST PRESSURES APPLY WHEN USING FLAT TEFLON CRIMP FITTINGS

 ALL SIZES MEET SAE 100R14 TYPE B WITH THE FOLLOWING EXCEPTIONS:
SC-14TW PROOF PRESSURE IS RATED AT 138BAR [2000PSI] AND SAE IS RATED AT 165BAR [2400PSI].
SC-18ZTW O.D. MINIMUM AND MAXIMUM DIMENSIONS EXCEED THE SAE REQUIREMENT.

 DOUBLE BRAID OF 304 STAINLESS STEEL WIRE.

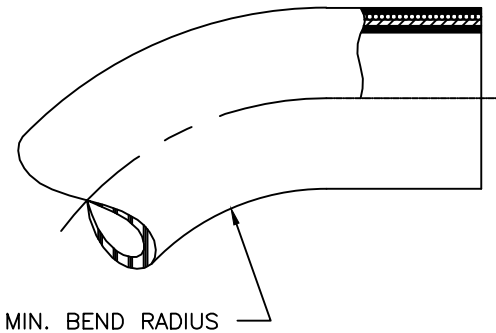
5. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].



4. TEMPERATURE RANGE -54°C TO +230°C [-65°F TO +450°F].

3. IDENTIFICATION: (a) ONE OR TWO STAINLESS STEEL BRAIDS
(b) BLACK TUBE STOCK

2. APPLICATION: IDEAL FOR STEAM, COMPRESSOR DISCHARGE AND VIRTUALLY ALL CHEMICAL APPLICATIONS.
NOT RECOMMENDED FOR STEAM-COLD WATER CYCLING.

1. CONSTRUCTION: EXTRUDED PTFE INNER TUBE WITH FULL COVERAGE OF A STAINLESS STEEL BRAID.



FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN G. LAD	
		CHECKED D. SHEWALE	
		APPROVED CHETAN B.V.	
		RELEASE DATE 2011-07-27	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		HOSE	
		SMOOTH BORE "SCTW" SERIES	
		STAINLESS STEEL WIRE BRAID	
0059226-ECO	CAGE CODE 01276	DRAWING NUMBER	REV
THIRD ANGLE PROJECTION	DIST U	SC-TW	E
	SIZE A2		
	SCALE NONE		
	SHEET 1 OF 3		
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