

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] $\triangle 11$	MIN. BURST PRESSURE bar [psi] $\triangle 11$	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
S-4TW	4.8 [.19]	8.2 [.32]	207 [3000]	827 [12000]	241 [3500]	965 [14000]	50.8 [2.00]	0.09 [.06]
S-5TW	6.4 [.25]	10.1 [.40]	207 [3000]	827 [12000]	-	-	76.2 [3.00]	0.12 [.08]
S-6TW	7.9 [.31]	11.6 [.46]	172 [2500]	689 [10000]	190 [2750]	758 [11000]	101.6 [4.00]	0.15 [.10]
S-7TW	9.6 [.38]	13.4 [.53]	138 [2000]	552 [8000]	-	-	127 [5.00]	0.16 [.11]
S-8TW	10.4 [.41]	14.3 [.56]	138 [2000]	552 [8000]	155 [2250]	621 [9000]	127 [5.00]	0.18 [.12]
S-10TW $\triangle 9$	12.7 [.50]	16.8 [.66]	121 [1750]	483 [7000]	138 [2000]	552 [8000]	165.1 [6.50]	0.25 [.17]
S-12TW $\triangle 8$	15.7 [.62]	20.1 [.79]	103 [1500]	414 [6000]	103 [1500]	414 [6000]	190.5 [7.50]	0.28 [.19]
S-14TW $\triangle 7$	19.1 [.75]	23.3 [.92]	69 [1000]	276 [4000]	-	-	215.9 [8.50]	0.37 [.25]
S-16TW	22.4 [.88]	26.9 [1.06]	69 [1000]	276 [4000]	83 [1200]	331 [4800]	228.6 [9.00]	0.40 [.27]
S-18ZTW $\triangle 6 \triangle 7$	25.4 [1.00]	31.6 [1.24]	69 [1000]	276 [4000]	83 [1200]	331 [4800]	304.8 [12.00]	0.79 [.53]
S-4TW316SS $\triangle 10$	4.8 [.19]	8.2 [.32]	207 [3000]	827 [12000]	-	-	50.8 [2.00]	0.09 [.06]
S-16TW316SS $\triangle 10$	22.4 [.88]	26.9 [1.06]	62 [900]	248 [3600]	-	-	228.6 [9.00]	0.40 [.27]

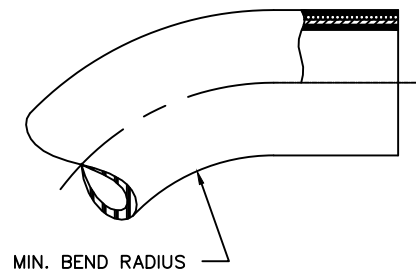
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REDRAWN 1) ADDED PRESSURE RATINGS WITH E SERIES FITTINGS.	2011-07-25 GRL/DHS	0059226-ECO
D	1) ADDED OPERATING PRESSURE AND MIN. BURST PRESSURE FOR PART # S-18ZTW WITH E SERIES FITTINGS.	2012-07-26 RDZ/PSW	0073829-ECO

$\triangle 11$

$\triangle 10$

$\triangle 9$

- $\triangle 11$ THESE OPERATING PRESSURES AND MIN. BURST PRESSURES APPLY WHEN E SERIES FITTINGS ARE USED WITH FLAT CRIMP OPTION.
 - $\triangle 10$ 316 STAINLESS STEEL WIRE.
 - $\triangle 9$ 103BAR [1500PSI] OPERATING AND 414BAR [6000PSI] MIN. BURST PRESSURES APPLY WHEN USING AEROQUIP FLAT TEFLON CRIMP FITTINGS
 - $\triangle 8$ 83BAR [1200PSI] OPERATING AND 345BAR [5000PSI] MIN. BURST PRESSURES APPLY WHEN USING AEROQUIP FLAT TEFLON CRIMP FITTINGS
 - $\triangle 7$ ALL SIZES MEET SAE 100R14 TYPE A WITH THE FOLLOWING EXCEPTIONS:
S-14TW PROOF PRESSURE IS RATED AT 138BAR [2000PSI] AND SAE IS RATED AT 165BAR [2400PSI].
S-18ZTW O.D. MINIMUM AND MAXIMUM DIMENSIONS EXCEED THE SAE REQUIREMENT.
 - $\triangle 6$ 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) WHITE 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.



METRIC

DRAWN G. LAD	Danfoss FLUID CONVEYANCE DIVISION		
CHECKED D. SHEWALE	DRAWING TITLE		
APPROVED CHETAN B.V.	EVERFLEX HOSE		
RELEASE DATE 2011-07-27	SMOOTH BORE "SCTW" SERIES		
0059226-ECO	STAINLESS STEEL WIRE BRAID		
THIRD ANGLE PROJECTION	SIZE A2	DRAWING NUMBER S-TW	REV D
	SCALE NONE	DIST U	GAGE CODE 01276
		SHEET 1	OF 3
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DWG. NO. S-TW SH. 1 REV. D