

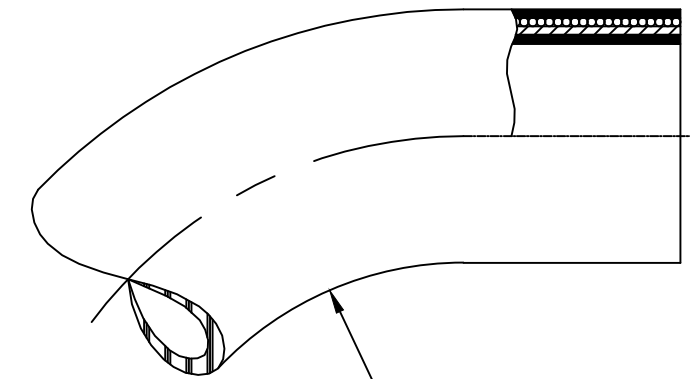
PART NUMBER	DN	I.D. (REF) mm [in]	O.D. (REF) mm [in]	OPERATING PRESSURE bar [psi]	MIN. BURST PRESSURE bar [psi]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
2583-4	6	6.4 [.25]	14.5 [.57]	86 [1250]	344 [5000]	75 [2.95]	0.19 [.13]
2583-6	10	9.5 [.38]	19.3 [.76]	78 [1125]	312 [4500]	100 [3.94]	0.32 [.22]
2583-8	12	12.7 [.50]	23.5 [.93]	70 [1000]	280 [4000]	125 [4.92]	0.44 [.30]
2583-12	19	19.0 [.75]	31.8 [1.25]	52 [750]	208 [3000]	150 [5.91]	0.74 [.50]
2583-16	25	25.4 [1.00]	38.1 [1.50]	39 [565]	156 [2260]	205 [8.07]	0.86 [.58]
2583-20	31	31.8 [1.25]	45.0 [1.77]	26 [375]	104 [1500]	250 [9.84]	1.00 [.68]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
T	REDRAWN, UPDATED TO DANFOSS FORMAT. 1) UPDATED O.D. VALUES FROM MAX TO REF FOR ALL SIZES. 2) REVISED NOTE #4 TO UPDATE LAYLINE IDENTIFICATION. 3) UPDATED TITLE & SUBTITLE. 4) ADDED "DN" FOR ALL SIZES.	2022-12-15 AAG	CO-0227030
U	1) UPDATED O.D. VALUE FOR SIZE "-8" 2) UPDATED MIN. BEND RADIUS VALUES FOR ALL DASH SIZES.	2023-07-11 GBR/TMH	CO-0230059

④

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②



MIN. BEND RADIUS

METRIC

⚠ MSHA CODE IS SIZE SPECIFIC:
USE MSHA IC-84/27 FOR -4 TO -16 SIZE
USE MSHA IC-84/19 FOR -20 SIZE.

5. TEMPERATURE RANGE: -40°C TO +100°C [-40°F TO +212°F]
AIR NOT TO EXCEED +71°C [+160°F].

4. EXAMPLE OF LAYLINE IDENTIFICATION FOR -4 SIZE: ② ⑥
INK JET: "Aeroquip by Danfoss 2583-4 6.4 MM (0.25 IN) DN6 SAE 100R3 MSHA IC-84/27 86 BAR (1250 PSI)
-40°C to +100°C (-40°F to +212°F) YYYY-MM-DD Made in USA //-- LOT CODE".

3. APPLICATION: GASOLINE, CRUDE, FUEL AND LUBRICATING OILS, AIR AND WATER.

2. CONSTRUCTION: NITRILE RUBBER TUBE, TWO POLYESTER BRAID REINFORCEMENT AND CHLOROPRENE OUTER COVER.

1. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].

FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN	A. GHADGE
		CHECKED	A. GHADGE
		APPROVED	P. DEWITT
CO-0227030		RELEASE DATE	2022-12-15
CAGE CODE 01276		DRAWING INTERPRETATION PER ES 10	
THIRD ANGLE PROJECTION		DRAWING TITLE	
DIST U		AEROQUIP HOSE ③	
SIZE A3		TEXTILE REINFORCEMENT, RUBBER COVER SAE 100R3	
SCALE NONE		DRAWING NUMBER	REV
SHEET 1		2583	U
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