

PART NUMBER	DN	I.D [REF] mm [in]	O.D [REF] mm [in]	DANFOSS			BEND RADIUS [MIN] mm [in]	WEIGHT kg/m [lbs/ft]
				OPERATING PRESSURE [MAX] bar [psi]	PROOF PRESSURE [MIN] bar [psi]	BURST PRESSURE [MIN] bar [psi]		
FC310-03	5	4.8 [.19]	11.8 [.46]	350 [5100]	700 [10200]	1400 [20300]	45 [1.77]	0.23 [0.15]
FC310-04	6	6.4 [.25]	14.1 [.56]	345 [5000]	690 [10000]	1380 [20000]	50 [1.97]	0.28 [0.19]
FC310-05	8	7.9 [.31]	15.4 [.61]	300 [4350]	600 [8700]	1200 [17400]	60 [2.36]	0.32 [0.22]
FC310-06	10	9.5 [.38]	17.1 [.67]	275 [4000]	550 [7975]	1100 [16000]	65 [2.56]	0.36 [0.24]
FC310-08	12	12.7 [.50]	20.2 [.80]	240 [3500]	480 [6960]	960 [13920]	90 [3.54]	0.45 [0.30]
FC310-10	16	15.9 [.62]	23.8 [.94]	190 [2750]	380 [5500]	760 [11020]	100 [3.94]	0.54 [0.36]
FC310-12	19	19.0 [.75]	27.4 [1.08]	155 [2250]	310 [4500]	620 [8990]	120 [4.72]	0.70 [0.47]
FC310-16	25	25.4 [1.00]	34.6 [1.36]	138 [2000]	276 [4000]	552 [8000]	150 [5.90]	0.98 [0.66]
FC310-20	31	31.8 [1.25]	43.3 [1.70]	112 [1625]	224 [3250]	448 [6500]	210 [8.27]	1.46 [0.98]

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⚠ MSHA CODE IS PLANT SPECIFIC:
USE MSHA IC-84/55 FOR ÇERKEZKÖY.
USE MSHA IC-84/19 FOR ALL OTHER PLANTS.

5. TEMPERATURE RANGE: -40°C TO +100°C [-40°F TO +212°F].
SHORT-TERM TO +120°C [+248°F].

4. EXAMPLE OF LAYLINE IDENTIFICATION FOR -04 SIZE: Ⓟ₂ ⚠₆ Ⓟ₁

FOR ÇERKEZKÖY PLANT:

EMBOSSSED: "Aeroquip by Danfoss FC310-04 6.4 MM (0.25 IN) DN6 MSHA IC-84/55
345 BAR (5000 PSI) -40°C to +100°C (-40°F to +212°F) Made in Türkiye"

INK JET: "YYYY-MM-DD //--/- LOT CODE"

FOR ALL OTHER PLANTS:

EMBOSSSED: "Aeroquip by Danfoss FC310-04 6.4 MM (0.25 IN) DN6 MSHA IC-84/19
345 BAR (5000 PSI) -40°C to +100°C (-40°F to +212°F)"

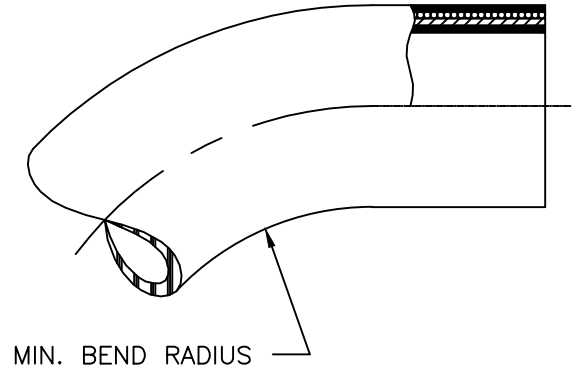
INK JET: "YYYY-MM-DD Made in USA /-/- LOT CODE".

3. APPLICATION: HIGH PRESSURE HYDRAULIC SYSTEMS WITH PETROLEUM AND WATER-GLYCOL BASE FLUIDS,
FOR LUBRICATING OILS AND WATER.




2. CONSTRUCTION: SYNTHETIC RUBBER TUBE, ONE WIRE HI PAC BRAID REINFORCEMENT, SYNTHETIC RUBBER COVER.

1. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
V	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.	2022-11-24 AAG	CO-0226732
W	1) UPDATED O.D. VALUES FOR -04, -06, -10 & -12 SIZES.	2022-11-30 VSP	CO-0225821
Y	1) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION.	2023-08-08 ARC	CO-0230741



METRIC

FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN A. GHADGE	
		CHECKED A. GHADGE	
		APPROVED P. DEWITT	
		RELEASE DATE 2022-11-24	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		AEROQUIP HOSE Ⓟ ₃	
CO-0226732	CAGE CODE 01276	1 WIRE BRAID REINFORCEMENT, RUBBER COVER	
THIRD ANGLE PROJECTION	DIST U		
	SIZE A3	DRAWING NUMBER	
	SCALE NONE	FC310	
	SHEET 1	REV Y	
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