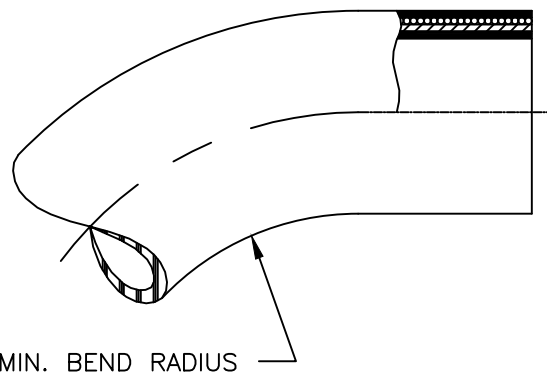


PART NUMBER	I.D. (REF) mm [in]	O.D. (REF) mm [in]	OPERATING PRESSURE bar [psi]	MIN. BURST PRESSURE bar [psi]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
FC619-12	19.0 [.75]	30.0 [1.18]	21 [305]	84 [1220]	40 [1.57]	0.65 [.44]
FC619-16	25.4 [1.00]	37.1 [1.46]	17 [245]	68 [980]	45 [1.77]	0.77 [.52]
FC619-20	31.8 [1.25]	44.8 [1.76]	14 [205]	56 [820]	60 [2.36]	1.12 [.75]
FC619-24	38.1 [1.50]	51.2 [2.01]	10.5 [150]	42 [600]	65 [2.56]	1.26 [.85]
FC619-32	50.8 [2.00]	64.8 [2.55]	7 [100]	28 [400]	100 [3.94]	1.73 [1.16]
FC619-40	63.5 [2.50]	77.7 [3.06]	4 [60]	16 [240]	140 [5.51]	2.35 [1.58]
FC619-48	76.2 [3.00]	92.5 [3.64]	4 [60]	16 [240]	279.4 [11.00]	3.36 [2.26]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REDRAWN & REDESIGNED (1)ADDED METRIC VALUES AND NOTE #7. (2)ADDED -40 AND -48 SIZES (3)ADDED SHEET 1 OF 2	2003-03-19	EN-F24113 DP-1433
C	(1) WAS "HOSE" (2) WAS "1 OF 2"	2003-07-17	EN-F24430 DP-1511
D	1) I.D. WAS 19.1 [0.75] 2) UPDATED OPERATING PRESSURE FOR ALL DASH SIZES 3) UPDATED BURST PRESSURE FOR ALL DASH SIZES. 4) UPDATED LAYLINE EXAMPLE. 5) ADDED NOTE #8	2013-10-31	0091162-ECO
E	1) 31 [1.22] WAS 32.5[1.28].	2020-10-13	CO-0209427
F	1) MSHA APPROVAL CODE WAS MSHA IC-84/24	2020-10-30	CO-0210184
G	1) UPDATED MIN. BEND RADIUS FOR ALL DASH SIZES.	2021-07-26	CO-0219322
H	1) UPDATED NOTE #1	2022-02-16	CO-0222389
J	1) UPDATED O.D. VALUES FROM MAX. TO REF FOR ALL SIZES. 2) I.D. OF -12 WAS 19 [.75]. 3) UPDATED NOTE #3 FOR LAYLINE IDENTIFICATION. 4) REMOVED NOTE #8. 5) TITLE WAS "EATON HOSE". 6) SUBTITLE 1 WAS "2 FABRIC PLY, WIRE INSERTED".	2022-05-05	CO-0223539

(B2) (J2) (E1) (J1) (D2) (D3) (G1)

8. (D5) (J4)
7. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH]. (B1)
6. WHEN HOSE IS USED IN CONJUNCTION WITH BAND CLAMPS, OPERATING PRESSURE SHALL NOT EXCEED 3.4 BAR [50 PSI].
5. VACUUM RATING: 711 MM OF MERCURY [28 INCHES OF MERCURY].
4. TEMPERATURE RANGE:  
-40°C TO +135°C [-40°F TO +275°F];  
CONSULT DANFOSS FOR MAXIMUM TEMPERATURE RECOMMENDATIONS FOR CHEMICAL TRANSFER SERVICE.
3. EXAMPLE OF LAYLINE IDENTIFICATION: FOR -12 SIZE, (D4) (F1) (J3)  
INK TRANSFER:  
"Aeroquip by Danfoss FC619-12 19.0 MM (0.75 IN) DN19 Dura-Tuff Exceeds SAE 100R4, ABS MSHA IC-84/19, EN45545 (PRESSURE GAGE) 21 BAR (305 PSI) (TEMP GAGE) -40°C to +135°C (-40°F to +275°F) (BEND LOGO) 1/3 Bend FITTING SERIES (FITTING LOGO)".  
  
INK-JET:  
"YYYY-MM-DD MADE IN USA -/-// LOT CODE".
2. APPLICATION:  
SUCTION APPLICATIONS FOR HYDRAULICS, CRUDE FUEL, LUBRICATING OILS, GASOLINE, AIR, WATER AND CHEMICAL TRANSFER.
1. CONSTRUCTION:  
CPE RUBBER INNER TUBE, FABRIC REINFORCEMENT, SPIRAL BODY WIRE, (H1)  
FABRIC REINFORCEMENT AND SYNTH (NBR/PVC) RUBBER COVER.



METRIC

FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN W. R. HYDE	
		CHECKED B. THOMAS	
		APPROVED J. SCHAEFER	
		RELEASE DATE 2003-03-19	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE (J6) AEROQUIP HOSE (J5) (C1) FABRIC REINFORCED, RUBBER COVER SAE 100R4	
EN-F24113 DP-1433	CAGE CODE 01276	DRAWING NUMBER (B3) (C2) FC619	REV J
THIRD ANGLE PROJECTION	DIST U		
	SIZE A3		
	SCALE NONE		
	SHEET 1		

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