

PART NUMBER	DN	I.D. (REF) mm [in]	O.D. (REF) mm [in.]	OPERATING PRESSURE bar [psi]	BURST PRESSURE bar [psi]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
FC849-04	6	6.4 [.25]	15.1 [.59]	280 [4050]	1120 [16200]	50.0 [1.97]	0.36 [.24]
FC849-06	10	9.5 [.38]	19.2 [.75]	280 [4050]	1120 [16200]	63.5 [2.50]	0.53 [.36]
FC849-08	12	12.7 [.50]	22.1 [.87]	280 [4050]	1120 [16200]	88.9 [3.50]	0.64 [.43]
FC849-10	16	15.9 [.62]	25.7 [1.01]	280 [4050]	1120 [16200]	100.0 [3.94]	0.89 [.60]
FC849-12	19	19.0 [.75]	29.8 [1.17]	280 [4050]	1120 [16200]	120.0 [4.72]	1.07 [.72]

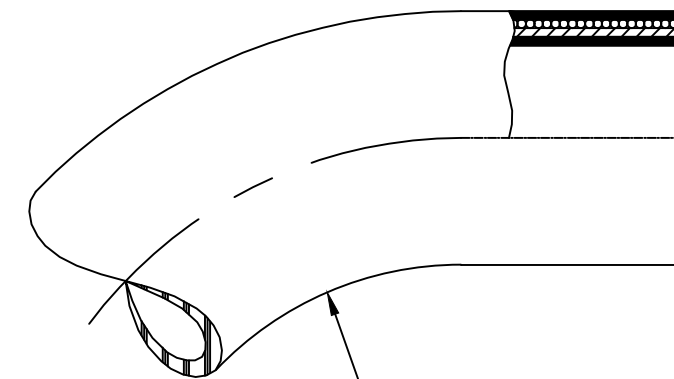
ⓐ

ⓑ

ⓒ

ⓓ

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REDRAWN. UPDATED TO DANFOSS FORMAT. 1) UPDATED O.D. VALUES FROM MAX. TO REF. FOR ALL SIZES. 2) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION. 3) UPDATED "TITLE" AND "SUBTITLES".	2022-11-23 PPC/ARK	CO-0226637
K	1) UPDATED OPERATING PRESSURE FOR ALL SIZES, WAS 275 [4000]. 2) UPDATED BURST PRESSURE FOR ALL SIZES, WAS 1100 [16000]. 3) UPDATED MIN. BEND RADIUS FOR -04, -10 AND -12 SIZES. 4) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION.	2023-12-21 PPC/ARK	CO-0230458



MIN. BEND RADIUS

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

4. EXAMPLE OF LAYLINE IDENTIFICATION FOR -04 SIZE: ⓐ ⓓ

INK TRANSFER: "Aeroquip by Danfoss FC849-04 6.4 MM (0.25 IN) DN6 Dura-Tuff
Exceeds SAE 100R19 Performance MSHA IC-84/19 • ABS • USCG+
(PRESSURE GAGE) 280 BAR (4050 PSI) (TEMP GAGE) -40°C to +100°C (-40°F to +212°F)
FITTING SERIES (FITTING LOGO) 2 MATCHMATE RINGS"

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

3. APPLICATION: HYDRAULIC SYSTEMS SERVICE WITH PETROLEUM AND WATER BASE FLUIDS, FOR GENERAL INDUSTRIAL USE.

2. CONSTRUCTION: SYNTHETIC RUBBER INNER TUBE, DOUBLE STEEL WIRE BRAID REINFORCEMENT AND SYNTHETIC RUBBER COVER

1. ALL HOSE ATTRIBUTES ARE METRIC [INCH].

FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN P. CHATUPHALE	
		CHECKED A. KADU	
		APPROVED P. DEWITT	
		RELEASE DATE 2022-11-23	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		AEROQUIP HOSE ⓐ	
		2 WIRE BRAID REINFORCEMENT, RUBBER COVER SAE 100R19	
CO-0226637	CAGE CODE 01276	DRAWING NUMBER	REV
THIRD ANGLE PROJECTION	DIST U	FC849	K
	SIZE A3		
	SCALE NONE		
	SHEET 1		

THE REPRODUCTION, DISTRIBUTION, AND UTILIZATION OF THIS DOCUMENT AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPLICIT AUTHORIZATION IS PROHIBITED. OFFENDERS WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL OR DESIGN. (PER ISO 16016)