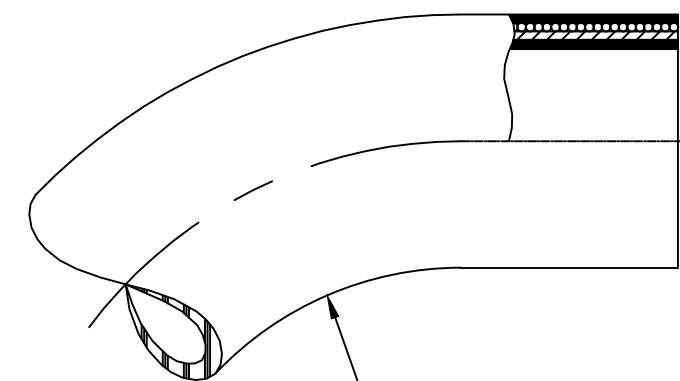


| PART NUMBER | DN | I.D. (REF) mm [in] | O.D. (REF) mm [in] | W.B.O.D. (MAX) mm [in] | OPERATING PRESSURE bar [PSI] | PROOF PRESSURE bar [PSI] | MIN. BURST PRESSURE bar [PSI] | MIN. BEND RADIUS mm [in] | WEIGHT kg/m [lbs/ft] |
|-------------|----|--------------------|--------------------|------------------------|------------------------------|--------------------------|-------------------------------|--------------------------|----------------------|
| FC510-04    | 6  | 6.4 [.25]          | 14.5 [.57]         | 12.5 [.49]             | 345 [5000]                   | 690 [10000]              | 1380 [20010]                  | 76.2 [3.00]              | 0.34 [0.23]          |
| FC510-06    | 10 | 9.5 [.38]          | 17.6 [.69]         | 15.5 [.61]             | 275 [4000]                   | 550 [7975]               | 1100 [16000]                  | 88.9 [3.50]              | 0.43 [0.29]          |
| FC510-08    | 12 | 12.7 [.50]         | 20.2 [.80]         | 18.2 [.72]             | 240 [3500]                   | 480 [6960]               | 960 [13920]                   | 127 [5.00]               | 0.50 [0.34]          |
| FC510-10    | 16 | 15.9 [.62]         | 23.9 [.94]         | 22.0 [.87]             | 190 [2750]                   | 380 [5500]               | 760 [11020]                   | 152.4 [6.00]             | 0.66 [0.44]          |
| FC510-12    | 19 | 19.0 [.75]         | 27.7 [1.09]        | 25.6 [1.01]            | 155 [2250]                   | 310 [4500]               | 620 [8990]                    | 177.8 [7.00]             | 0.77 [0.52]          |
| FC510-16    | 25 | 25.4 [1.00]        | 34.6 [1.36]        | 32.0 [1.26]            | 138 [2000]                   | 276 [4002]               | 552 [8004]                    | 228.6 [9.00]             | 1.05 [0.71]          |
| FC510-20    | 31 | 31.8 [1.25]        | 43.1 [1.70]        | 39.5 [1.56]            | 112 [1625]                   | 224 [3248]               | 448 [6500]                    | 279.4 [11.00]            | 1.61 [1.08]          |

| REVISIONS |   |                       |            |
|-----------|---|-----------------------|------------|
| REV       | DESCRIPTION   | DATE                  | APPROVED   |
| H         | REDRAWN, UPDATED TO DANFOSS FORMAT.<br>1) UPDATED O.D. VALUES FROM MAX TO REF FOR ALL SIZES.<br>2) REVISED NOTE #4 TO UPDATE LAYLINE IDENTIFICATION.<br>3) UPDATED TITLE & SUBTITLE.<br>4) UPDATED NOTE #5. | 2022-11-24<br>AAG     | CO-0226607 |
| J         | 1) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION.  | 2023-09-28<br>PPC/ARK | CO-0231421 |

(H  
1)



MIN. BEND RADIUS

METRIC

5. TEMPERATURE RANGE: -40°C TO +149°C [-40°F TO +300°F] (AIR MAX. 100°C) (H  
4)  
-40°C TO +93°C [-40°F TO +200°F] MAXIMUM FOR PHOSPHATE-ESTER BASE FLUIDS.

4. LAYLINE IDENTIFICATION FOR -04 SIZE: (H  
2)  
INK TRANSFER: "Aeroquip by Danfoss FC510-04 6.4 MM (0.25 IN) DN6 AQP High-Temp Hi-Pac  
Exceeds EN 857 1SC MSHA IC-84/18, DNV, USCG + (PRESSURE GAGE) 345 BAR (5000 PSI)  
(TEMP GAGE) -40°C to +149°C (-40°F to +300°F) FITTING SERIES (FITTING LOGO)  
1 MATCHMATE RING".

INK JET: "YYYY-MM-DD Made in USA /-/- LOT CODE" (J  
1)

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

2. CONSTRUCTION: AQP INNER TUBE, ONE WIRE HI-PAC REINFORCEMENT AND AN AQP COVER.

1. ALL HOSE ATTRIBUTES ARE METRIC [INCHES]

|  |                 |   |            |
|--|-----------------|---|------------|
| FLUID CONVEYANCE DIVISION<br>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 (H<br>3)                                    |            |
|  |                 | 1 WIRE BRAID REINFORCEMENT, AQP RUBBER COVER<br>EN857 1SC |            |
| CO-0226607   | CAGE CODE 01276 | DRAWING NUMBER  | REV        |
| THIRD ANGLE PROJECTION   | DIST U          | FC510   | J          |
|  | 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). |                 |   |            |