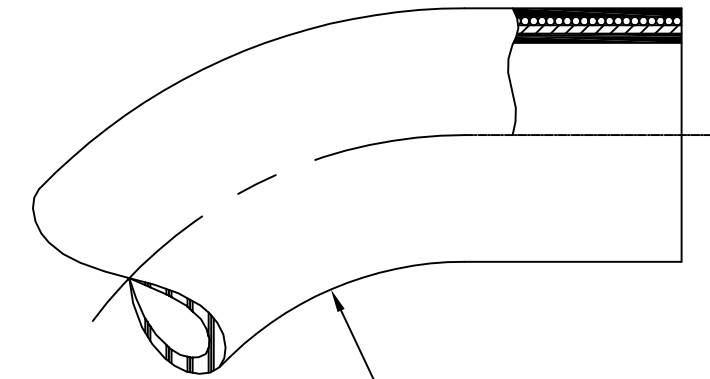


| PART NUMBER | I.D. (REF) mm [in] | O.D. (MAX) mm [in] | OPERATING PRESSURE bar [psi] | MIN. BURST PRESSURE bar [psi] | MIN. BEND RADIUS mm [in] | WEIGHT kg/m [lbs/ft] |
|-------------|-----------------------|-----------------------|---------------------------------|----------------------------------|-----------------------------|-------------------------|
| 2583-4 | 6.4 [.25] | 15.0 [.59] | 86 [1250] | 344 [5000] | 76.2 [3.00] | 0.19 [.13] |
| 2583-6 | 9.5 [.38] | 19.8 [.78] | 78 [1125] | 312 [4500] | 101.6 [4.00] | 0.32 [.22] |
| 2583-8 | 12.7 [.50] | 24.6 [.97] | 70 [1000] | 280 [4000] | 127 [5.00] | 0.44 [.30] |
| 2583-12 | 19.0 [.75] | 32.5 [1.28] | 52 [750] | 208 [3000] | 152.4 [6.00] | 0.74 [.50] |
| 2583-16 | 25.4 [1.00] | 39.3 [1.55] | 39 [565] | 156 [2260] | 203.2 [8.00] | 0.86 [.58] |
| 2583-20 | 31.8 [1.25] | 46.0 [1.81] | 26 [375] | 104 [1500] | 254 [10.00] | 1.00 [.68] |

| REVISIONS | | | |
|-----------|--|-----------------------|-------------|
| REV | DESCRIPTION | DATE | APPROVED |
| S | REDRAWN & UPDATED TO EATON FORMAT. 1) REVISED NOTE #3. 2) ADDED NOTE #6. 3) OPERATING PRESSURE WAS 69 [1000]. 4) UPDATED BURST PRESSURE FOR ALL SIZES. | 2013-06-12 RPT/AJC | 0083614-ECO |

Ⓢ 3

Ⓢ 4



MIN. BEND RADIUS

6. FOR -4 SIZE, 25.4 MM [1.00 IN], FOR -6 TO -12 SIZES, 12.7 MM [.50 IN] AND FOR -16 AND -20 SIZES, 6.35 MM [0.25 IN] SPACE BETWEEN EATON AND AEROQUIP. FOR -4 SIZE, 4 CHARACTER SPACES, FOR -6 TO -12 SIZES 2 CHARACTER SPACES AND FOR -16 AND -20 SIZES, 1 CHARACTER SPACE BETWEEN REST ALL POSITIONS. Ⓢ 2

5. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].
4. TEMPERATURE RANGE: -40°C TO 100°C [-40°F TO 212°F]; AIR NOT TO EXCEED +71°C [160°F]

3. EXAMPLE OF LAYLINE IDENTIFICATION: PRINTED (FOR -4 SIZE). Ⓢ 1
 " EATON AEROQUIP 2583-4 6.4 mm (0.25 in) DN6 86 bar (1250 psi) EN854/ SAE 100R3
 PART NUMBER NOMINAL I.D. OPERATING PRESSURE
 mm/dd/yy MSHA IC-84/19 Made in USA //--"
 DATE CODE MSHA APPROVAL CODE MFG ID CODE

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

1. CONSTRUCTION:
NITRILE RUBBER TUBE, TWO POLYESTER BRAIDS REINFORCEMENT, CHLOROPRENE OUTER COVER.

METRIC

| | | | |
|----------------------------|---|------------------------|--|
| DRAWN R. TALELE | EATON | | INDUSTRIAL SECTOR |
| CHECKED A. CHAVAN | | | HYDRAULICS GROUP, FLUID CONVEYANCE PRODUCTS, MAUMEE, OHIO U.S.A. |
| APPROVED A. MHASKE | DRAWING TITLE | | |
| RELEASE DATE 2013-06-12 | HOSE | | |
| 0083614-ECO | DOUBLE POLYESTER BRAID, RUBBER COVERED, HYDRAULIC (SAE 100R3) | | |
| THIRD ANGLE PROJECTION | SIZE A3 | DRAWING NUMBER 2583 | REV S |
| ⊕ | SCALE NONE | DIST U | CAGE CODE 01276 |
| | | | SHEET 1 OF 2 |

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