

2246F – FEP high pressure hose



MAIN FEATURES

- Working pressures up to 41.5 MPa
- Without hose cover
- Suitable for temperatures up to 150 °C
- Inert to virtually all hydraulic and chemical fluids

APPLICATIONS

- Suitable for applications with additional heating elements
- Hotmelt applications in the automotive industry

CONSTRUCTION

- Core tube : Fluoroethylenepropylene
- Pressure reinforcement : Two spiral layers and one braided layer of high tensile steel wire
- Cover : –
- Colour : –

TEMPERATURE RANGE

-50°C up to +150°C

| Part No.<br># | DN | size | mm   | inch | mm   | Max. working pressure<br>MPa / psi |       | Min. burst pressure<br>MPa / psi |        | Min. bend radius<br>mm | Weight<br>kg/m | Fittings         |
|---------------|----|------|------|------|------|------------------------------------|-------|----------------------------------|--------|------------------------|----------------|------------------|
|               |    |      |      |      |      |                                    |       |                                  |        |                        |                |                  |
| 2246F-04V70   | 6  | -04  | 6.3  | 1/4  | 11.4 | 41.5                               | 6,015 | 165.0                            | 23,925 | 60                     | 0.26           | NX <sup>1)</sup> |
| 2246F-05V70   | 8  | -05  | 8.2  | 5/16 | 13.8 | 37.5                               | 5,435 | 150.0                            | 21,750 | 85                     | 0.33           | NX <sup>1)</sup> |
| 2246F-06V70   | 10 | -06  | 9.7  | 3/8  | 16.0 | 34.0                               | 4,930 | 136.0                            | 19,720 | 110                    | 0.35           | NX <sup>1)</sup> |
| 2246F-08V70   | 12 | -08  | 12.8 | 1/2  | 18.5 | 32.5                               | 4,710 | 130.0                            | 18,850 | 140                    | 0.53           | NX <sup>1)</sup> |
| 2246F-10V70   | 16 | -10  | 16.0 | 5/8  | 23.4 | 30.0                               | 4,350 | 120.0                            | 17,400 | 175                    | 0.70           | NX <sup>1)</sup> |
| 2246F-12V70   | 20 | -12  | 19.4 | 3/4  | 27.0 | 26.5                               | 3,840 | 106.0                            | 15,370 | 205                    | 0.92           | NX <sup>1)</sup> |
| 2246F-16V70   | 25 | -16  | 25.0 | 1    | 32.5 | 21.0                               | 3,045 | 84.0                             | 12,180 | 240                    | 1.18           | NX <sup>1)</sup> |

NOTES

- 1) Please refer to chapter E for the NX series fittings (page E-81 ff.).
- Not recommended for applications where extreme pulsations are encountered.