

HPFA Tubing

Specification Sheet

PFA Tubing High Purity, Natural, 1/16", 1/8" OD, 3/16" & 1/4" OD

Manufacturing Material(s) Used

HPFA Fluoropolymer

Published Pressure Limits

IDEX Health & Science LLC states that this product - when used with the correct combination of receiving ports and fittings tightened to sufficient torque levels - is capable of a continuous working pressure of up to 3000 psi (~ 207 bar) depending upon OD/ID combination. (Please Note: This assumes the use of water at room temperature for the testing conditions; if different conditions are used, the expected pressure threshold will be different.)

1/16" OD	2000 psi (138 bar)
1/8" OD	500 psi (34 bar)
3/16" OD	250 psi (17 bar)
1/4" OD	250 psi (17 bar)

Temperature Limits

This tubing can be used in applications up to 80 °C, depending upon connection parameters. (Please Note: Higher operating temperatures will reduce the pressure rating for this tubing.)

Key Dimensions & Specifications

1/16" OD tubes carry a tolerance of +/-0.001" for both the OD and the ID.
1/8" OD tubes carry a tolerance of +/-0.003" for both the OD and the ID.
3/16" OD tubes carry a tolerance of +/-0.003" for both the OD and the ID.
1/4" OD tubes carry a tolerance of +/-0.004" for both the OD and the ID.

Packaging Specifications

Finished product packaged in an appropriately sized polyethylene (or similar) bag with label affixed.

Harmonized Tariff Schedule (HTS) Code

3917.29.0090

US ECCN Group

EAR99

Regulatory Compliance Information

As of the date of publication, this product is compliant with current RoHS and REACH regulations.

Country of Origin

United States of America

Important Notes

This tubing is manufactured in Oak Harbor, Washington, at our facility. Please Note: Bending PFA tubing (e.g., for the creation of pre-bent tubing assemblies) - if not done properly - can cause damage to the polymer structure and thus lead to premature failure; please contact us directly should information be needed on the proper methods for bending this tubing.

Revision Notes:

Rev A	Release document
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