

FEP Tubing

FEP tubing is an economical choice for tubing applications requiring chemical resistance in combination with broad temperature exposure. FEP tubing and pipe offer excellent clarity which makes them ideal for sight glass and other flow monitoring applications. Additionally, the outstanding UV transmission rate of FEP makes the tubing a clear choice for UV water purification systems in straight lengths or coiled hose constructions.

Temperature

-100°F to 400°F

Features

- 100% virgin grade high performance resins used to resist stress cracking
- Chemically inert to most industrial chemicals and solvents
- High thermal stability
- Excellent UV transmission
- Low permeability
- Moisture absorption nearly zero
- FDA compliant for food contact
- Non-flammable
- Self extinguishing
- Superior electrical insulation properties
- FEP Tubing is also available in coiled hose, convoluted tubing, and heat-shrink constructions

Applications

- Chemical process
- Aquatic
- Laboratory
- UV water purification systems
- Ground water monitoring
- Ground remediation
- Food processing
- Electrical insulation
- Telecommunications
- Conduit
- Heat exchangers

Packaging

- Per customer's specifications
- Clean room packed
- Available pre-flared and pre-cut
- Sterilization
- Available DI washed and nitrogen packed

Certifications

- FEP tubing & pipe meet the requirements of USP Class VI Standards
- FEP tubing and pipe are approved for use in food contact applications in compliance with FDA 21 CFR 177.1550
- FEP tubing meets or exceeds the requirements listed in ASTM D3296-03

Standard Wall Tubing

Part Number	ID Inch	OD Inch	Wall Inch	Bend Radius Inch	Max WP @ 72°F psig
RFFEP-062-125	1/16	1/8	1/32	1/2	445
RFFEP-062-187	1/16	3/16	1/16	1/2	612
RFFEP-125-250	1/8	1/4	1/16	1/2	460
RFFEP-125-187	1/8	3/16	1/32	3/4	296
RFFEP-187-312	3/16	5.16	1/16	1	368
RFFEP-187-156	3/32	5.32	1/32	CF	CF
RFFEP-187-250	3/16	1/4	.030	1	223
RFFEP-250-312	1/4	5/16	.030	1-3/4	178
RFFEP-250-375	1/4	3/8	1/16	1	307
RFFEP-312-375	5/16	3/8	.030	2-1/2	148
RFFEP-375-437	3/8	7/16	.030	3-1/2	127
RFFEP-375-500	3/8	1/2	.062	2	230
RFFEP-437-500	7/16	1/2	.030	6	111
RFFEP-500-625	1/2	5/8	.062	3	184
RFFEP-625-750	5/8	3/4	1/16	6	153
RFFEP-875-1000*	7/8	1	.062	22	115
RFFEP-100-1125*	1	1-1/8	.062	CF	75
RFFEP-1125-1250**	1-1/8	1-1/4	1/16	CF	70

Metric Size Tubing

RFFEP-2MM-4MM	2mm	4mm	1mm	1-1/2	464
RFFEP-3MM-5MM	3mm	5mm	1mm	CF	CF
RFFEP-4MM-6MM	4mm	6mm	1mm	1-3/4	309
RFFEP-5MM-7MM	5mm	7mm	1mm	CF	CF
RFFEP-6MM-8MM	6mm	8mm	1mm	2-1/2	232
RFFEP-7MM-9MM	7mm	9mm	1mm	CF	CF
RFFEP-8MM-10MM	8mm	10mm	1mm	2-3/4	186
RFFEP-9MM-11MM	9mm	11mm	1mm	CF	CF
RFFEP-10MM-12MM	10mm	12mm	1mm	4	155
RFFEP-11MM-13MM	11mm	13mm	1mm	CF	CF
RFFEP-12MM-14MM	12mm	14mm	1mm	CF	CF

CF = Consult Factory

* Only available in straight lengths OR reels

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