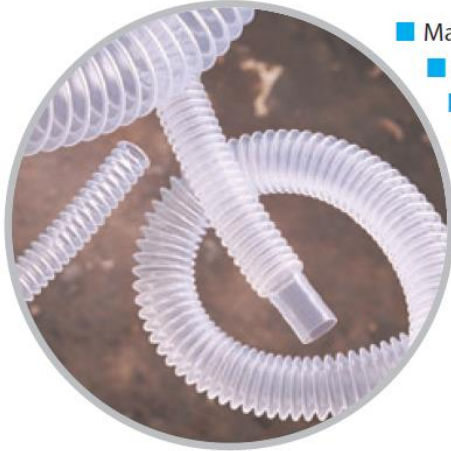
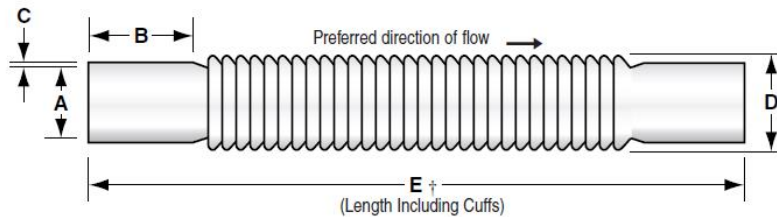




Corrugated FEP Tubing



- Made from FEP fluoropolymer tubing
- Corrugations allow a nearly zero bend radius — easily flexed
- Can be extended or compressed without affecting the tube's I.D.
- Made without plasticizers which can leach into critical streams
- Made from FDA compliant materials
- Has all the chemical and electrical properties of straight-walled FEP tubing
- May be overbraided with Kevlar® for higher pressures[^]



Notes

Vacuum Service at 72°F: 29.9 in./Hg.
Bend Diameter at 72°F: 1/2 of tubing I.D.

Optimal flow is achieved and turbulence minimized by passing fluids through CORRTEF in the direction of the corrugation angles (as illustrated).

CORRTEF is heat sealable, and the cuffs (straight ends) are made to accept standard barbed fittings. The end may be flared or expanded to permit shrink-tight connections.

CORRTEF is manufactured in an industrial atmosphere and should be properly sterilized for clean-flow applications. For optimal cleaning of CORRTEF, the tube should be stretched to its maximum length and held vertically (direction of flow: down). Due to the annular corrugations, it may not be possible to remove all traces of particulate from CORRTEF, even under optimal cleaning conditions.

[^]Overbraiding with Kevlar will permit a minimum increase of six times the listed pressures. Kevlar overbraiding is available for sizes up to 7/8" I.D. – call for details.

Physical Properties**

Hardness, Shore D	55-60
Tensile Strength, psi	2800-5000
Elongation at Break, %	250-330
Brittle Temperature, °F	-450
Min. Operating Temp. for Tubing, °F††	-100
Max. Cont. Svc. Temp. for Tubing, zero pressure, °F††	200

PART NO.	A MAX. ID (IN.)	B CUFF LENGTH NOM. (IN.)*	C WALL NOM. (IN.)	D CORRUGA- TION OD REF. (IN.)	WORKING PSI AT 72°F	BURST PSI AT 72°F
340 0075	1/4	3/4	.015	3/8	62	248
340 0152	3/8	1	.020	5/8	50	200
340 0229	1/2	1	.025	3/4	42	168
340 0306	5/8	1	.025	15/16	37	148
340 0383	3/4	1-1/2	.030	1-1/16	30	120
340 0460	7/8	1-1/2	.030	1-1/4	25	100
340 0537	1	2	.035	1-7/16	20	80
340 0691	1-1/2	2	.035	1-13/16	15	60
340 0768	2	2	.040	2-5/8	12	48

† Specify 'E' dimension at order time. Maximum overall available length: 12 ft. (including cuffs).

*Workable I.D. length of the cuff (straight ends). All lengths supplied with 'B' dimension cuffs.

All pressures are calculated and not based on actual testing.

BOLD indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

Custom Services

- Cut
- Overbraided
- Size
- And More

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

†† Temperatures are for standard extruded (non-corrugated) tubing.