

TPE TUBING for BIOPHARMA

Sterilizable, weldable, and sealable

Freudenberg Medical manufactures a thermoplastic elastomer TPE tubing to suit a wide range of high-performance fluid transfer requirements for the pharmaceutical and biotech industry.

HelixFlex™ tubing is produced in a certified cleanroom using biologically compatible TPE material. HelixFlex™ is heat sealable, weldable, and sterilizable by autoclave, gamma irradiation, x-ray, and e-beam.

An ideal choice for demanding fluid transfer processes, bioprocess lines, filling and sampling, and peristaltic pump applications. All tubing includes material certification and lot traceability.

PART NUMBER	ID x OD (mm)	ID x OD (inches)	LENGTH (m/ft)
HF125-2A	3.2 x 6.4	1/8 x 1/4	15 / 50
HF187-2A	4.8 x 8.0	3/16 x 5/16	15 / 50
HF187-3A	4.8 x 9.5	3/16 x 3/8	15 / 50
HF250-2A	6.4 x 9.5	1/4 x 3/8	15 / 50
HF250-3A	6.4 x 11.2	1/4 x 7/16	15 / 50
HF250-4A	6.4 x 12.7	1/4 x 1/2	15 / 50
HF312-3A	7.9 x 12.7	5/16 x 1/2	15 / 50
HF375-2A	9.6 x 12.7	3/8 x 1/2	15 / 50
HF375-3A	9.6 x 14.3	3/8 x 9/16	15 / 50
HF375-4A	9.6 x 15.9	3/8 x 5/8	15 / 50
HF500-4A	12.7 x 19.1	1/2 x 3/4	15 / 50
HF625-4A	15.9 x 22.2	5/8 x 7/8	15 / 50
HF750-4A	19.0 x 25.4	3/4 x 1	15 / 50
HF750-5A	19.0 x 28.3	3/4 x 1 1/8	15 / 50
HF1000-5A	25.4 x 34.9	1 x 1 3/8	5 / 16.4



Advantages / Benefits:

- Meets critical demands of biopharma fluid transfer
- Excellent heat seal and sterile weldability
- Safe material solution for bioprocessing

Typical Applications:

- Pharmaceutical and biotech processing
- Vaccine manufacturing
- Ultra-pure sterile fluid transfer
- Filling and sampling operations
- Laboratory use
- Media processing