

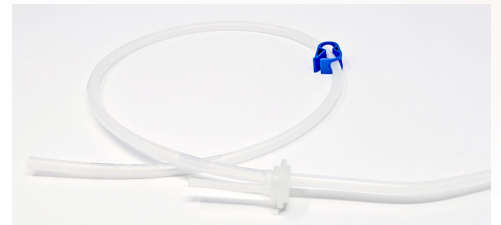
W-TPE™ BIOPHARMACEUTICAL TUBING TECHNICAL DATA

For decades, W-TPE™ tubing has been considered a standard material in biopharmaceutical processing. Our material is specifically formulated and tested to meet the rigorous demands of the Biopharm industry, and it is capable of handling a wide variety of applications including sensitive fluid transfer and peristaltic pumping.

- Extruded in an ISO Class 7 cleanroom environment
- Heat sealable, weldable, moldable
- Sterilizable by gamma irradiation, autoclave or ETO
- Less permeable than silicone tubing
- BPA, Latex, Phthalate and animal free
- Tube sizes range from 0.063" ID to 1.5" ID
- Documented lot tracing, custom printing and packaging available
- Maintains flexibility from -50°F to 275°F

W-TPE™ TUBING PROPERTIES

Appearance / Color	Translucent
Durometer Hardness (Shore A), ASTM D2240	65A
Tensile Strength (psi/Mpa), ASTM D412	1406
Elongation (%), ASTM D412	792
Tear Resistance, ppi (kN/m), ASTM D624	219
Tensile Modulus, ASTM D412	388 (100%) / 609 (300%)



W-TPE™ TUBING BIOCOMPATIBILITY

USP Class VI	USP 85	USP 87	USP 788
ISO 10993-3	ISO 10993-4	ISO 10933-5	ISO 10993-11




W-TPE™ TUBING APPLICATIONS

Buffer / media prep	Bioprocess sampling
Aseptic liquid transfer	Peristaltic pumping
Cell culture	Single-use bioreactors
Catheter / IV applications	Vaccine production



User is responsible for determining suitability and safety of all products for intended use. Data supplied by WHK BioSystems is intended to provide guidance in product selection but should be verified prior to use. WHK BioSystems disclaims all liability regarding a product's fitness for use.

 W-TPE™ Tubing is manufactured by WHK BioSystems in the USA!