

AWWT

Weldable Tubing

SU/AWT TPE tubing is designed specifically for the most demanding **bio-pharmaceutical** applications (It is ideal for use in **peristaltic pumps, single-use assemblies, process filling, and sampling** devices and is compatible with all common tube sealers and aseptic tube welders.) SU/AWT is exceptionally clear and has superior gas barrier properties and pressure performance vs. **silicone tubing**.

Features:

- Excellent with Heat Sealers/Welders
- Non-Pyrogenic, Non-Cytotoxic, Non-Hemolytic
- Resistant to Concentrated Acids & Alkalis
- Less Permeable and far less adsorbent than Silicone
- Low Platelet Adhesion & Protein Binding
- Ultra-Smooth Inner Bore & Kink Resistant
- Lot & Batch Traceability
- Excellent Gas Barrier Properties
- Bio-Compatible

Applications:

- Cell Culture Media & Fermentation
- Diagnostic Equipment
- Sterile Filling & Dispensing
- Medical Fluid/Drug Delivery
- Reagent Dispensing
- Peristaltic Pumps
- Buffer Prep Solutions

Packaging:

- Continuous Coils
- Pre-cut Lengths
- Custom Assemblies

Certification:

- USP Class VI
- BSE/TSE Compliant
- RoHS, REACH, 3-A* Compliant
- California Proposition 65 Compliant
- ISO 10993-4/5
- Reagent Dispensing

Validation Package Available on Request.

Material Properties	Value (English)	Value (SI)	Test Method
Specific Gravity	0.89	0.89	ASTM D792
Durometer, Shore A (5 sec.)	68	68	ASTM D2240
Compression Set (22 hr.)	17%	17%	ASTM D395B
Tensile Elongation - Across Flow: Break @73°F	307%	307%	ASTM D412
Tensile Strength - Flow: Break @73°F	870psi	5.0MPa	ASTM D412
Tear Strength - Flow: Break 70 @STP	207lbf/in	36kN/m	ASTM D624
Color	Clear		

MODEL	ID	OD	WALL
SU/AWT125X250	1/8"	1/4"	1/16"
SU/AWT187X312	3/16"	5/16"	1/16"
SU/AWT187X375	3/16"	3/8"	3/32"
SU/AWT250X375	1/4"	3/8"	1/16"
SU/AWT250X437	1/4"	7/16"	3/32"
SU/AWT250X500	1/4"	1/2"	1/8"
SU/AWT312X375	5/16"	3/8"	1/32"
SU/AWT312X437	5/16"	7/16"	1/16"
SU/AWT312X500	5/16"	1/2"	3/32"
SU/AWT375X500	3/8"	1/2"	1/16"
SU/AWT375X562	3/8"	9/16"	3/32"
SU/AWT375X625	3/8"	5/8"	1/8"
SU/AWT500X750	1/2"	3/4"	1/8"
SU/AWT625X875	5/8"	7/8"	1/8"
SU/AWT750X1000	3/4"	1"	1/8"
SU/AWT750X1125	3/4"	1-1/8"	3/16"
SU/AWT100X1375	1.00"	1-3/8"	3/16"

ALL MODELS AVAILABLE IN 50' & 100' LENGTHS

TUBE: 3-A* Class VI, FDA TEMP. RANGE: -100° to 250° F
RECOMMENDED CLEANING: Ethylene Oxide, Gamma, Autoclave 275° F

*The 3-A 62-02, standard applies only to assemblies of 3/4" diameter and larger.

