



ACT

Co-extruded Tubing

ACT combines the outstanding characteristics of a chemically inert, USP Class VI certified clear liner of low density polyethylene (LDPE) with a high purity ethylene vinyl acetate (EVA) cover to produce an extremely flexible, transparent tubing with very good burst strength.

Features:

- Ultra-High Purity
- Plasticizers Free
- Chemically Inert
- Lot & Batch Traceability
- Resistant to Many Solvents
- Excellent Barrier Properties

Applications:

- Intravenous (IV) Applications
- Dialysis (Purified Water)
- Dry Oral Dose Manufacturing (Solvent Based Meter Lines)
- Biopharmaceutical transfer
- Transdermal Manufacturing
- Printing Inks (Solvent Based)

Packaging:

- Continuous Coils
- Pre-cut Lengths
- Custom Assemblies

Certification:

- USP Class VI
- CFR Title 21 Section 177.1350 & 1520
- RoHS, REACH, 3-A* Compliant



MODEL	ID	OD	WALL	WORKING PSI AT 72°F	STD. LENGTH
ACT062X187	1/32"	3/16"	1/16"	76 PSI	100'
ACT125X187	1/8"	3/16"	1/32"	43 PSI	100'
ACT125X250	1/8"	1/4"	1/16"	70 PSI	100'
ACT187X312	3/16"	5/16"	1/16"	60 PSI	100'
ACT187X250	3/16"	1/4"	1/32"	38 PSI	50'
ACT250X375	1/4"	3/8"	1/16"	60 PSI	50'
ACT312X437	5/16"	7/16"	1/16"	52 PSI	50'
ACT375X500	3/8"	1/2"	1/16"	50 PSI	50'
ACT375X625	3/8"	5/8"	1/8"	62 PSI	50'
ACT500X625	1/2"	5/8"	1/16"	32 PSI	50'
ACT500X750	1/2"	3/4"	1/8"	50 PSI	50'
ACT625X875	5/8"	7/8"	1/8"	47 PSI	50'
ACT750X1000	3/4"	1"	1/8"	40 PSI	50'

TUBE: Translucent LDPE, RoHS, REACH, 3-A* CLASS VI
RECOMMENDED CLEANING: ETO
COVER: Translucent EVA
TEMP. RANGE: -60 to +160°F (-51 to +71°C)

PROPERTY, UNITS	TEST METHOD	VALUE
Specific Gravity	ASTM D792	0.921
Durometer, Shore D	ASTM D2240	51
Tensile Strength at Break, psi (Mpa)	ASME D638	2170 (15.0)
Tensile Elongation at Break, %	ASTM D638	700%
Flexural Modulus, psi (MPa)	ASTM D790	40,000 (276)
Brittleness Temp., °F (°C)	ASTM D746A	-43.6 (-42)
Environmental-Stress-Cracking Resistance (ESCR) F50, hours	ASTM D1693	1000

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

