



# APT

## Pump Tubing

APT is ideal for pharmaceutical, biological, food and beverage applications and provides superior performance in peristaltic pumps. Extruded from virgin, medical grade TPR to precise dimensional tolerances and provides an excellent alternative to silicone tubing. APT is lot & batch traceable and can handle multiple autoclave cycles.

### Features:

- Superior pump life
- Low Particulate Spallation
- Low TOC
- Excellent Chemical Resistance
- Extremely Flexible

### Applications:

- Peristaltic Pump Tubing
- Filling Machinery
- Biological Media
- Sterile Transfer
- Buffer Solutions
- Solvents
- Food and Beverage

### 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	PUMP SIZE	STD. LENGTH
APT031X093	1/32"	3/32"	1/32"		200'
APT031X156	1/32"	5/32"	1/16"	#13	200'
APT062X187	1/16"	3/16"	1/16"	#14	200'
APT125X250	1/8"	1/4"	1/16"	#16	200'
APT125X312	1/8"	5/16"	3/32"		200'
APT187X312	1/16"	5/16"	1/16"	#03,#25	50'
APT187X375	1/16"	3/8"	3/32"	#15	50'
APT250X375	1/4"	3/8"	1/16"	#24	50'
APT250X437	1/4"	7/32"	3/32"	#64	50'
APT250X500	1/4"	1/2"	1/8"	#26	50''
APT312X375	5/16"	3/8"	1/32"		50'
APT312X437	5/16"	7/16"	1/16"	#18	50'
APT312X500	5/16"	1/2"	3/32"		50'
APT375X500	3/8"	1/2"	1/16"		50'
APT375X562	3/8"	9/16"	3/32"	#96	50'
APT375X625	3/8"	5/8"	1/8"	#73	50'
APT500X750	1/2"	3/4"	1/8"	#82	50'
APT625X812	5/8"	13/16"	3/32"		50'
APT625X875	5/8"	7/8"	1/8"		50'
APT750X1156	3/4"	1-5/32"	1/8"		50'
APT750X1125	3/4"	1-1/8"	3/16"		50''
APT100X1250	1"	1-1/4"	1/8"		50'

TUBE: 3-A\* Class VI, FDA TPR

RECOMMENDED CLEANING: Ethylene Oxide, Autoclave, Gamma TEMP. RANGE: -40 to +275°F

Specific Gravity (ASTM D792)	0.970
Durometer, Shore A (5SEC.ASTM D2240)	64
Tensile Strength at Break, psi (ASME D-412)	972 psi
Tensile Elongation-Across Flow (Break, 73°F), ASTM D412, ISO 37	530%
Tensile Stress-Across Flow (100% Strain, 73°F), ASTM D412, ISO 37	363%
Elongation, % (ASTM D-412)	37
Tensile Set (73°F) ASTM D412, ISO 2285	8%
Tear Strength-Across Flow (73°F <sup>2</sup> ) ASTM D624	137 lbf/in
Compression Set (73°F, 168 hr 4) ASTM D395B	22%
Brittle Point, (ASTM D-789)	-76°F
Low Temp. Flex at -40	Passed
Heat Resistance	275°F
Regulatory Title 21 CFR 177.2600, USP Class VI, EU2003/11/EC (RoHs Compliant)	

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

