

FlowSmart ASTP PLATINUM CURED SILICONE PUMP TUBING



Producer of High Purity Polymer Components

FlowSmart offers a complete line of Silicone Tubing, Braided Hose, Fabric Hose and Wire Reinforced Hose. All silicone products inside our new Seaford, Delaware facility.

Pump tubing is produced in a Class 10,000 clean room specifically for use in biotech, pharmaceutical, cosmetic, biomedical and food applications. FlowSmart's Clear Tubing has undergone USP Class VI 87 & 88 testing and meets FDA CFR 177.2600 and European Pharmacopoeia 3.1.9.

FEATURES OF FLOWSMART'S ASTP CLEAR TUBING:

- 60 Durometer Shore A compound
- Temperature Range Approximately: -73.3°C to 400°C
- Supplied in 25 ft, 50 ft and 100 ft coils as well as spools up to 500 feet
- Gamma or Autoclave Sterilizable
- Imparts no taste or odor to product
- Fully traceable, with lot control that is certified with each order
- Custom sizes, colors, lengths and labeling available
- FlowSmart will run customer specified compounds
- Class 10,000 Clean Room Manufactured
- Made in the U.S.A
- Post-Cured for enhanced performance and purity
- Perfect for Single-Use, Bioreactor Lines, Sterile Filtration and Biopharm manufacturing

MORE FLOWSMART PRODUCTS:

- Braid-reinforced platinum silicone hose
- Stainless steel wire and polyester mesh reinforced wrapped platinum silicone hose
- Polyester mesh reinforced 4-ply platinum silicone hose
- Custom Compounds and Durometers
- Braided Tubing
- Colored Coded Tubing
- Silicone bonded to PFA
- Clamp Gaskets
- Screen Gaskets
- Orifice Plate Gaskets



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TECHNICAL SHEET

FLOWSMART TRANSLUCENT TUBING DIMENSIONS

ASTP Properties		Test method
Material	Platinum Cured Silicone	
Color	Translucent	0.094
Hardness Shore A	60	D-2240
Tensile Strength, psi	1,550	D-412
Elongation, %	725	D-412
Tension Set, %	3	D-412
Tear Strength, ppi	240	D-642
Specific Gravity	1.17	TP-013
Certification	USP Cl VI Tested FDA CFR 177.2600 EP 3.1.9	
Temp Range	-73.3° C to 400° C	
Sterilization Methods	Gamma, Autoclave, EtO	

Part Number	ID	OD	WALL
ASTP-14	0.062	0.187	0.062
ASTP-119	0.062	0.250	0.094
ASTP-16	0.125	0.250	0.062
ASTP-120	0.125	0.312	0.094
ASTP-15	0.187	0.375	0.094
ASTP-25	0.187	0.312	0.062
ASTP-123	0.187	0.437	0.125
ASTP-17	0.250	0.375	0.062
ASTP-24	0.250	0.437	0.094
ASTP-26	0.250	0.500	0.125
ASTP-35	0.312	0.500	0.094
ASTP-73	0.375	0.625	0.125
ASTP-36	0.375	0.562	0.094
ASTP-190	0.375	0.750	0.188
ASTP500-4	0.500	0.750	0.125
ASTP-88	0.500	0.875	0.188
ASTP-184	0.625	0.875	0.125
ASTP-189	0.625	1.000	0.188
ASTP-191	0.750	1.125	0.188
ASTP-90	0.750	1.250	0.250
ASTP-92	1.000	1.375	0.188

FLOWSMART WILL MAKE IT EVEN IF YOU DON'T SEE IT!