

- Economical Medical Grade Tubing
- Meets USP Class VI
- Resists a wide range of chemicals

Medical Grade Polyolefin Tubing

Product Number BD318

BD318 is a flexible, heat shrinkable tubing with superior electrical properties and was developed to meet the most stringent medical application requirements.

Made from medical grade polyolefin, it has excellent dielectric, chemical and physical properties.

Application of heat above 121°C will shrink this tubing quickly to 50% of its supplied diameter or snug down on the object it is to cover.

Resists a wide range of chemicals, such as hexachlorophene (pHisohex), saline solution, povidone-iodine (Betadine), benzalkonium (Zephiran), alcohol, as well as moisture and fungus.



Meets the most stringent medical application requirements

Specifications:

Order Size	Expanded Diameter	Recovered Diameter	Recovered Wall
3/32"	.093"	.046"	.020"
1/8"	.125"	.062"	.020"
3/16"	.187"	.093"	.020"
1/4"	.250"	.125"	.025"
3/8"	.375"	.187"	.025"
1/2"	.500"	.250"	.025"

USP XXII, NF XVII,
USP Class VI (Minimum)

Longitudinal Shrinkage: 5%

Autoclave Cycle Test: 20 cycles @ 121c psig for 15 min. with fast dry cycle, followed by test for:

Volume Resistivity ASTMD257 No Change
@ 500 volts from original

Dielectric Strength ASTMD149 No Change
In air @ 500 kv/min rise from original

Dielectric Constant ASTMD150 No Change
@ 1 Mhz from original

Dissipation Factor ASTMD150 No Change
@ 1 Mhz from original

Temperature Rating: continuous operation from -55°C to 121°C.

Standard Colors: black, white, clear, blue

