

MT1000 (high-temperature medical tube)

The MT1000 Altera medical-grade, USP Class 6 high-temperature heat shrink tube is ideal for electrical insulation and strain relief of components that are exposed to high temperatures – either during operation or during sterilisation. The tin-wall construction is very well suited for several medical applications with clearance constraints. These tubes are compatible with gamma, ETO, steam and dry-heat sterilization.



Product facts of MT1000 medical tubes

- 2:1 shrink ratio
- Very thin wall insulation
- Excellent resistance to a variety of fluids
- USP Class 6
- Double bagged
- Gamma, ETO, steam and dry-heat sterilization

Specification and approvals

- USPClass VI

Sizes in mm

Part Number	Inside diameter		Wall thickness	Colour
	As supplied	After heating	After heating	
MT-1000-1/16-X-SP	1.6	0.8	0.25 +/- 0.05	Transparent
MT-1000-3/32-X-SP	2.4	1.2	0.25 +/- 0.05	Transparent
MT-1000-1/8-X-SP	3.2	1.6	0.25 +/- 0.05	Transparent
MT-1000-3/16-X-SP	4.7	2.4	0.25 +/- 0.05	Transparent
MT-1000-1/4-X-SP	6.4	3.2	0.33 +/- 0.05	Transparent
MT-1000-3/8-X-SP	9.5	4.7	0.33 +/- 0.05	Transparent
MT-1000-1/2-X-SP	12.7	6.4	0.33 +/- 0.05	Transparent
MT-1000-1/16-0-SP	1.6	0.8	0.25 +/- 0.05	Black
MT-1000-3/32-0-SP	2.4	1.2	0.25 +/- 0.05	Black
MT-1000-1/8-0-SP	3.2	1.6	0.25 +/- 0.05	Black
MT-1000-3/16-0-SP	4.7	2.4	0.25 +/- 0.05	Black
MT-1000-1/4-0-SP	6.4	3.2	0.33 +/- 0.05	Black
MT-1000-3/8-0-SP	9.5	4.7	0.33 +/- 0.05	Black
MT-1000-1/2-0-SP	12.7	6.4	0.33 +/- 0.05	Black

Temperature

Operating Range	-55°C to +150°C
Min. shrink temperature	+155°C
Min. full recovery temperature	+175°C
Material	Semi-rigid Fluoropolymer