



# CCBM100

## Medical grade polyolefin tubing

- Thin Wall Modified Polyolefin
- Very Flexible
- Variety of Colours Available
- 2:1 Shrink Ratio
- Minimum Shrink Temperature >90°C
- Operating Temperature -70°C to +105°C
- Compatible with Gamma and ETO Sterilisation



CCBM100 is a thin wall polyolefin tubing especially suited for electrosurgical instruments where excellent insulation values are required, combined with strain relieving, or colour coding and identification applications. It is compatible with gamma and ETO sterilisation, and has USP Class VI approval.

### Technical Data

<b>General</b>	
Installation temperature	110°C
Longitudinal change	+0% -10%
Concentricity	70% minimum
Tensile strength	12.4 MPa
Ultimate elongation	200% minimum
<b>Electrical</b>	
Dielectric strength	19.68 kV/mm minimum
<b>Thermal</b>	
Heat ageing	168 hours at 125°C

<b>Chemical</b>	
Fluid resistance	At 23°C for 24 hours for the following fluids:
	Isopropyl alcohol
	5% saline solution
	Cidex
<b>Specifications</b>	
FDA USP biological test classification VI	
MAF-469	
MAF-800 (lined product)	

Ordering Size (Inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Size (m)
1/16	1.60	0.80	0.43	1524
3/32	2.40	1.20	0.51	1524
1/8	3.20	1.60	0.51	381
3/16	4.80	2.40	0.51	381
1/4	6.40	3.20	0.64	381
3/8	9.50	4.80	0.64	152
1/2	12.70	6.40	0.64	152
3/4	19.10	9.50	0.76	76
1	25.40	12.70	0.89	60

Standard approved colours: Black and transparent.  
 Non-standard approved colours: Red, yellow, blue and white.  
 Other colours to special quotation

Full details on technical specifications, test methods and values are available on request.