



SPECIFICATION DATA SHEET

MEDITRAC® DESCRIPTION

The OmegaFlex® MediTrac® Corrugated Medical Tubing (CMT) system consists of a corrugated copper alloy tubing with axially swaged brass fittings, equipped with a stainless steel anti-tamper sleeve and copper tube stub; providing easy attachment to traditional copper tubing systems and direct connection to piping system components. The MediTrac® system has a minimum design safety factor of 3.5X maximum operating pressure (647.5 psig) per NFPA 99-2018 section 5.1.10.1.4 (2) and has been tested to withstand temperature exposure of 1000°F.

MEDITRAC® CMT MATERIALS

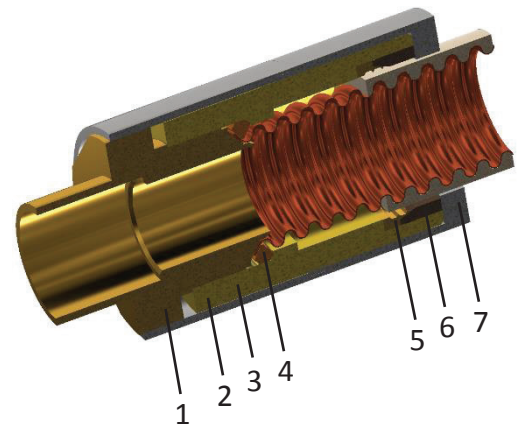
TUBING MATERIAL	Corrugated medical tubing material conforms to ASTM B103, copper alloy UNS No. C51000 complying with the requirements of NFPA 99-2018 5.1.10.4 (2) and meets CGA G4.1 cleanliness requirements.
JACKET MATERIAL	Low Density FR Polyethylene, Plenum Rated, with a maximum Flame Spread Index of 25 and a Smoke Density Index of 50 when tested in accordance with ASTM E84 testing procedure. Complying with the requirements of NFPA 99-2018 5.1.10.1.5.
FITTING MATERIAL	Fittings are metallic; Yellow Brass: Copper Alloy No. CA360 or equivalent, cleaned to CGA G4.1, and comply with NFPA 99-2018 5.1.10.7.1.

MEDITRAC® SYSTEM OPERATIONAL RATINGS

MAXIMUM CONTINUOUS USE OPERATING PRESSURE	½, ¾, and 1": 185 PSIG
MAXIMUM CONTINUOUS USE OPERATING TEMPERATURE	250 °F

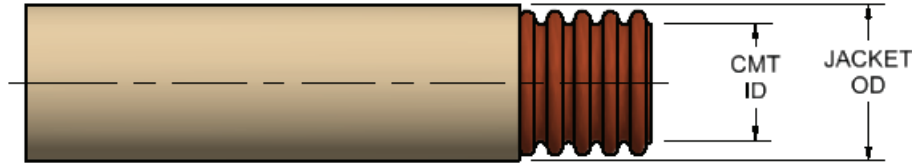
MEDITRAC® SWAGED SEALED FITTING COMPONENTS

Item	Description	Material
1.	Adaptor	CA360 Brass
2.	Anti-Tamper Sleeve	300 Series Stainless Steel
3.	Non-Removable Threaded Axial Swaging Tool	CA360 Brass
4.	Split Ring	Brass/Stainless Steel
5.	Jacket Lock	CA360 Brass
6.	Rear Swage Sleeve	CA360 Brass
7.	Treaded Driver	300 Series Stainless Steel



MEDITRAC® TUBING SPECIFICATIONS

MediTrac® Size	1/2"	3/4"	1"
Corrugated Tubing ID (nom)	0.597	0.820	1.060
Jacket OD (nom)	0.875	1.125	1.375
Bend Radius	6	8	10



MEDITRAC® TUBING SUPPORT AND SPACING

MediTrac® CMT shall be supported from the building structure. Hangers and supports shall comply with MSS SP-58, Pipe Hangers and Supports – Materials, Design, Manufacture, Selection, Application, and Installation. Supports for MediTrac® CMT shall be sized for copper tubing, except one size larger should be selected to fit over the MediTrac® jacket. Maximum support spacing is defined in the table below.

MediTrac® Size	1/2"	3/4"	1"
Copper Tube Size for Hanger	3/4"	1"	1-1/4"
Maximum Spacing (m)	6	7	8

MEDITRAC® LISTINGS

MediTrac® CMT has been tested and listed, per the requirements of NFPA 99-2018 section 5.1.10.1.4 (2), to UL 1365.

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