

## SPECIFICATION DATA SHEET

### MEDITRAC<sup>®</sup> DESCRIPTION

The OmegaFlex<sup>®</sup> MediTrac<sup>®</sup> Corrugated Medical Gas Piping system consists of 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 tube systems and direct connection to piping system components. The MediTrac<sup>®</sup> system has a minimum design safety factor of 3.5X maximum operating pressure (647.5 psig)(44.64bar) per NFPA 99-2018 section 5.1.10.1.4 (2) and has been tested to withstand temperature exposure of (1000°F)(538°C).

### MEDITRAC<sup>®</sup> CMT MATERIALS

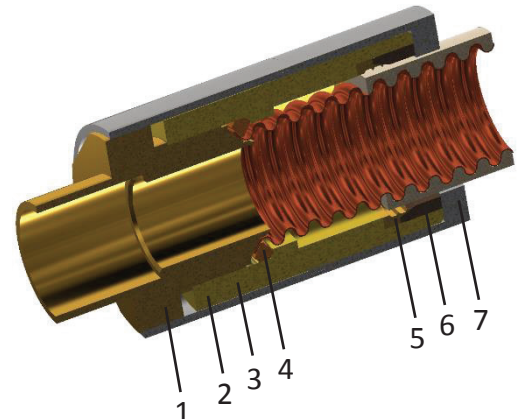
<b>TUBING MATERIAL</b>	Corrugated medical tubing material conforms to ASTM B103, copper alloy UNS No. C51000 complying with the requirements of NFPA 99-2018 5.1.10.4 (2) and meets CGA G4.1 cleanliness requirements.
<b>JACKET MATERIAL</b>	Low Density FR Polyethylene, Plenum Rated, with a maximum Flame 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.
<b>FITTING MATERIAL</b>	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<sup>®</sup> SYSTEM OPERATIONAL RATINGS

<b>MAXIMUM CONTINUOUS USE OPERATING PRESSURE</b>	½", ¾", and 1", 1-½", and 2": 185 PSIG
	15, 22, 28, 40 and 50mm: 12.76bar
<b>MAXIMUM CONTINUOUS USE OPERATING TEMPERATURE</b>	250°F or 121°C

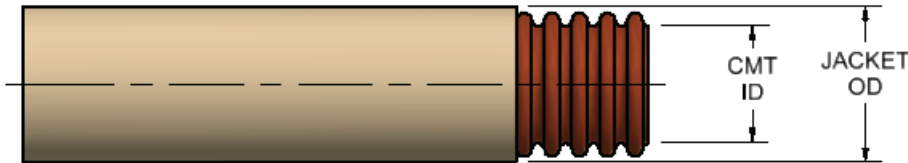
### MEDITRAC<sup>®</sup> SWAGED SEALED FITTING COMPONENTS

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" 15mm	3/4" 22mm	1" 28mm	1-1/2" 40mm	2" 50mm
Corrugated Tubing ID (nominal)	0.597" 15.2mm	0.820" 20.8mm	1.060" 26.9mm	1.525" 38.7mm	2.060" 52.3mm
Jacket OD (nominal)	0.875" 22.2mm	1.125" 28.6mm	1.375" 34.9mm	2.125" 53mm	2.625" 66.7mm
Bend Radius	6" 153mm	8" 204mm	10" 254mm	24" 610mm	30" 762mm



## 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" 15mm	3/4" 22mm	1" 28mm	1-1/2" 40mm	2" 50mm
Copper Tube Size for Hanger	3/4" 22mm	1" 28mm	1-1/4" 32mm	2" 54mm	2-1/2" 65mm
Maximum Spacing (ft)	6' 1.8mm	7' 2.1mm	8' 2.4mm	10' 3.0mm	10' 3.0mm

## MODEL CODES

NFPA-99 2018 Health Care Facilities Code  
CSA Z7396.1:22 Medical Gas Pipeline Systems

## LISTING

UL Through Penetration Ratings: W-L-1604 and C-AJ-1751  
UL Listed: MH64301 to UL SUB 1365  
Seismically Qualified per ICC-ES AC156; Testing protocol per ICC-ESR-4565

## QUALITY MANAGEMENT SYSTEM

Certified to ISO 9001 and 13485:2016 Medical Device Standard

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