

SPECIFICATION DATA SHEET

MEDITRAC[®] CMT DESCRIPTION

The OmegaFlex[®] MediTrac[®] Corrugated Medical Tubing (CMT), Medical Gas Piping 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 tube systems and direct connection to piping system components. The MediTrac[®] CMT has a minimum design safety factor of 3.5X maximum operating pressure 44.64bar per NFPA 99-2018 section 5.1.10.1.4 (2) and has been tested to withstand temperature exposure of 538°C.

MEDITRAC[®] CMT MATERIALS

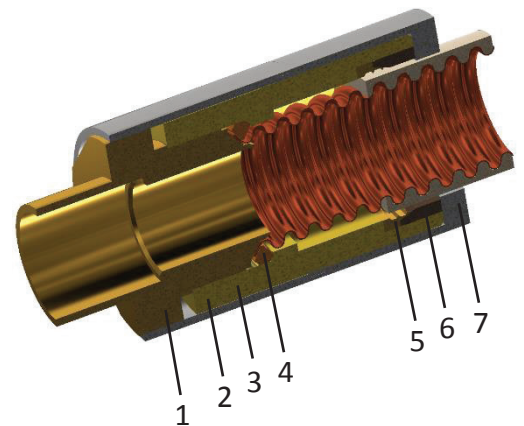
TUBING MATERIAL	CMT material conforms to ASTM B103, copper alloy UNS No. C51000 complying with the requirements of NFPA 99-2018 5.1.10.4 (2) and meets CGA G4.1 cleanliness requirements.
JACKET MATERIAL	Low Density FR Polyethylene, Plenum Rated, with a maximum Flame Spread Index of 25 and a Smoke Density Index of 50. 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[®] CMT SYSTEM OPERATIONAL RATINGS

MAXIMUM CONTINUOUS USE OPERATING PRESSURE	MAXIMUM CONTINUOUS USE OPERATING PRESSURE: 15, 22, 28, 40, AND 50mm: 12.76bar
MAXIMUM CONTINUOUS USE OPERATING TEMPERATURE	121°C

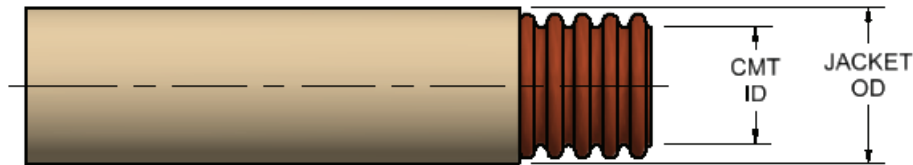
MEDITRAC[®] CMT SWAGED SEALED FITTING COMPONENTS

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® CMT TUBING SPECIFICATIONS

MediTrac® CMT Size	15mm	22mm	28mm	40mm	50mm
Corrugated Tubing ID (nom)	15.2mm	20.8mm	26.9mm	38.7mm	52.3mm
Jacket OD (nom)	22.2mm	28.6mm	34.9mm	53mm	66.7mm
Minimum Bend Radius	153mm	204mm	254mm	610mm	762mm



MEDITRAC® CMT TUBING SUPPORT AND SPACING

MediTrac® CMT shall be supported from the building structure. Hangers and supports shall comply with MSS SP-58 or equivalent, 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 MediTrac® CMT jacket.

Maximum support spacing is defined in table below.

MediTrac® CMT Size	15mm	22mm	28mm	40mm	50mm
Copper Tube Size for Hanger	22mm	28mm	32mm	54mm	65mm
Maximum Spacing (m)	1.8m	2.1m	2.4m	3.0m	3.0m

MEDITRAC® CMT LISTINGS

Compliant to requirements of NFPA 99-2018 section 5.1.10.1.4 (2)

UL Listed: MH64301 to UL SUB 1365

UL Through Penetration Ratings: W-L-1604 and C-AJ-1751

ICC Seismically Qualified per ICC-ES AC156; Testing protocol per ICC-ESR-4565

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