

TECHNICAL DATA SHEET

ELECTROCHEM TUBING FOR MEDICAL USE :
GENERAL DIRECTIONS FOR STERILIZATION
AND
MAIN PRODUCT FEATURES

TABLE 1 : General Directions for Sterilizing Electrochem's (part of) Tubing for Medical Use

	Heat Sterilization		Chemical Sterilization			Radiation Sterilization	
	Saturated Steam	Dry Heat	Ethylene Oxide	Ozone	Hydrogen Peroxide	Non Ionizing (UV)	Ionizing (γ -rays, beta-rays, X-rays)
Silicone Tubing, Platinum Cured (MTi Medical, Elsil Pt Silicone)	Yes (up to 140°C)	Yes (up to 180°C)	Yes	Yes	Yes	Yes	Yes
Silicone Tubing with Radio Opaque Line, Platinum Cured (MTXi Medical, Elsil Pt Silicone)	Yes (up to 140°C)	Yes (up to 180°C)	Yes	Yes	Yes	Yes	Yes
Silicone Tubing, Peroxide Cured (MT Medical, Elsil Silicone)	Yes (up to 140°C)	Yes (up to 180°C)	Yes	Yes	Yes	Yes	Yes
Silicone Tubing with Radio Opaque Line, Peroxide Cured (MTX Medical, Elsil Silicone)	Yes (up to 140°C)	Yes (up to 180°C)	Yes	Yes	Yes	Yes	Yes
Yellow non-Latex Tubing (LT Medical, Elye Polymer)	Yes (up to 130°C)	w.L.	Yes	w.L.	w.L.	Yes	w.L.
Straight Plastic Tubing (VT Medical, Devia non DEHP PVC)	Yes – w.L. (up to 126°C)	Not Recommended	Yes	Yes	Yes	Yes	w.L.
Bubble Plastic Tubing (VB Medical, Devia non DEHP PVC)	Yes – w.L. (up to 126°C)	Not Recommended	Yes	Yes	Yes	Yes	w.L.
Green Bubble Plastic Tubing (VBG Medical, Devia/G non DEHP PVC)	Yes – w.L. (up to 126°C)	Not Recommended	Yes	Yes	Yes	Yes	w.L.

w.L.: with Limitations

Main Common Product Features

Properties	<ul style="list-style-type: none"> • Ultra performance raw materials • All Products 100% DOP (DEHP) Free • All Products 100% Latex Free • Extra friendly to user • Zero possibilities for failure and leakage, due to absence of any glued points • Zero possibilities for handle to split apart from it's tube • Odorless, tasteless, non-toxic, sterilizable • Top mechanical properties: Excellent mechanical stability, high modulus, non deformable, non breakable (can not produce dangerous or sharp fraction parts)
Uses	Suction under vacuum & liquid transportation in all human surgical operations & health care
Dimensions	Full Range
Shape	Circular
Dimensions Tolerances	Acc. To ISO 3302-1.E1
Appearance	Transparent / Translucent
Radio Opaque Line	Co-extruded (not glued) Radio Opaque (X-Ray detectable) Line in Silicone Tubing MTX Medical
Printings	None
Use	Single
Directions	European Pharmacopoeia, USP VI
Standards	BS EN ISO 9001: 2015, BS EN ISO 13485: 2016
Certification	CE Mark
Classification	Class I (MDD 93/42/EEC)

Important informations

Packaging	In Rolls - Standard Length 25 m and 30 m - other length after request
Shelf Life	Min. 5 years
Storage Conditions	No direct sunlight. No moisture.
Handling Precautions	Use No hook. Use No sharp articles. Open each packaging with care.
Littering Precautions	See national regulations concerning environmental issues

All used in Tubing for Medical Use are products of ELECTROCHEM – Dr DELIBALTAS Ltd (Germany, Hellas)

Electrochem Silicones - Dr DELIBALTAS Ltd (Germany, Hellas)

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