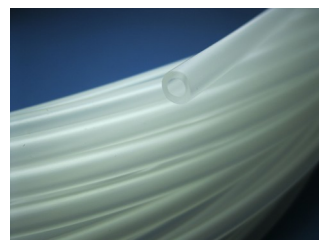
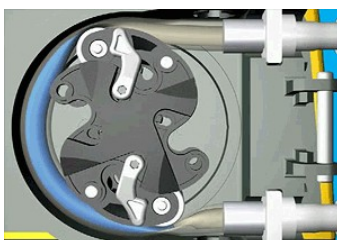
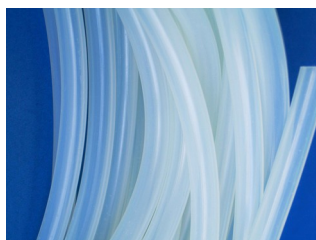


PRODUCT DATA SHEET

TPE Tubing for Peristaltic Pumps



Product Description **TPE Tubing for Peristaltic Pumps, medical grade in varying diameters - TPi Type Medium and Hard grades**

Supply Form **25 m Rolls (a.o. after request)**

Raw Material Properties

Property	Nominal Value	Units	Test Method
Hardness	from 60 to 75 ± 4	Shore A	DIN 53505
Density	0,96 – 0,98	g/cm ³	ISO 1183-1
Max. Elongation	> 400	%	DIN 53504-S1
Temperature Range	0 to +125	°C	

Basic Characteristics

Brand Name	<i>Siloflow TPi 600M[®]</i> (medium), <i>Siloflow TPi 750M[®]</i> (hard)
Origin of raw materials	Europe
Polymer	PP / SEBS / SBS based
Oil free grades option	Yes
Intermediate hardnesses	Yes
Medical Grade	Yes
Virgin (non recycled) raw material	Yes
Latex Free	Yes
DEHP Free	Yes
Ortho-Phtalate Free	Yes
Heavy metals Free	Yes
β - radiation stability	Yes

Main Product Features

Properties	Excellent elasticity with elevated heat stability, transparent, high level of purity and clarity, odorless, tasteless, non-toxic, sterilizable (plasma, steam, EtO a.o.), hardly meltable, high modulus, non deformable, top mechanical properties, ultra smooth bore for excellent flow, tight surface cure, non-tacky surface
Use	Ideal for liquid transportation via peristaltic pumps a.o. in all human surgical operations, fluid handling & health care
Dimensions	From I.D. X O.D = 1,0 X 2,0 mm up to I.D. X O.D = 16,0 X 20,0 mm (over 100 combinations). Other dimensions upon request
Standards	EN ISO 9001: 2008, EN ISO 13485: 2012, EN ISO 10993
Shape	Circular
Dimensions Tolerances	Acc. To ISO 3302-1.E1
Appearance	Transparent
Color	None (natural)
Surface	Semi-Glossy
Printings	Optional
Use	Single
Directions	European Pharmacopoeia §3.1.1.2, USP VI, other requirements surpassed (i.e. 10/2011/EC Food Contact Applications Directive)
Certification	CE Mark
Classification	Class I , IIa (MDD 93/42/EEC)

Important informations

Packaging	25 m rolls (or other length after request) in PE transparent bags firmly sealed
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

Raw material SiloflowTPi 600M® & 750M® and Tpi Type TPE Tubing for Medical Use are trademarks of PentaSil Med-Tech Engineering®. All products designed in Germany, made in E.U.

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