

# TUBING

# SCHLÄUCHE



## SELECTION OF MATERIALS TO SUIT A WIDE RANGE OF APPLICATIONS:

Silicone, TPE, PUR, LLDPE, PVC, KFlex Kynar®

Wide range of inner and outer diameters

With metric and imperial dimensions

Medical grade materials

## GROSSE AUSWAHL AN MATERIALIEN FÜR ZAHLREICHE ANWENDUNGEN:

Silikon, TPE, PUR, LLDPE, PVC, KFlex Kynar®

Große Bandbreite an Außen- und Innendurchmessern










Mit metrischen und imperialen Größen

Materialien geeignet für medizinische Anwendungen

# MEDNET

Your Partner for Components, Materials & Services

# Material Selection

Material	Hardness	Properties	Application	Compliance	Sterilisation
 <p>Silicone (Platinum cured)</p>	Shore 58A	high temperature resistance, extremely flexible, memory effect, plasticiser-free	pumps	USP Class VI, ISO 10.993 -3/-5/-6/-10 /-11	autoclave, Gamma, EtO
 <p>Acrolene (TPE)</p>	Shore 75A	high chemical resistance, high temperature resistance	wide range of applications	upon request	
 <p>Soft Flexelene™ 121C</p>	Shore 54A	chemical resistant, extremely flexible, temperature resistant from -50°C (-58°F) to 121°C (250°F) plasticiser-/DEHP-free	peristaltic pumps, single-use systems, sterile filling, laboratory use	USP Class VI, ISO 10993 -4/-5	autoclave, Gamma, EtO
 <p>Flexelene™ 135C (TPE)</p>	Shore 68A	temperature resistant from -50°C (-58°F) to 135°C (275°F), plasticiser-/DEHP-free	pharmaceutical/biotech processing, high volume ultra-pure fluid transfer, media processing, skid transfers, processing lines, single-use	USP Class VI, ISO 10993 -4/-5	autoclave, Gamma, EtO
 <p>EJPrene (TPE)</p>	Shore 70/80A	temperature resistant from -50°C (-58°F) to 135°C (275°F), available soft (70A) & flexible (80A) plasticiser-/DEHP-free	peristaltic pumps, single-use systems, sterile filling, laboratory use	USP Class VI, ISO 10.993 -4/-5	autoclave, Gamma, EtO
 <p>PUR (Polyurethane)</p>	Shore 85A	mechanically stable, kink resistant plasticiser-free, good bondability	biomedical applications	upon request	
 <p>LLDPE (Polyethylene)</p>	Shore 44D	chemical resistant plasticiser-free cost effective	biomedical applications	upon request	
 <p>PVC (Polyvinyl Chloride)</p>	Shore 70A	flexible, cost-effective, good bonding properties, phtalate-/DEHP-free	biomedical applications	USP Class VI	
 <p>KFlex Kynar (flexible Kynar lined)</p>	Shore 85A	<b>inner layer from Kynar</b> for excellent chemical resistance (detach-free), <b>outer layer from TPU</b> for improved flexibility Kink resistant, dimensionally stable temperature resistant from -50°C (-58°F) to 80°C (176°F)	pharmaceutical & bioprocess applications, suitable for aggressive media	USP Class VI, ISO 10.993 -4/-5	EtO

# Tubing (metric)

ID (mm)	OD (mm)	Silicone (Platinum cured)	PUR (Polyurethane)
0,50 mm	1,00 mm	2110050134	
0,90 mm	1,65 mm	2110090134	
0,95 mm		2110090234	
1,00 mm	2,00 mm	2110100134	
	3,00 mm	2110100234	
	2,50 mm	2110100634	
1,50 mm	3,00 mm	2110150434	MSTUB1530-PU-85A
	4,00 mm	2110150634	
2,00 mm		2110200334	
	6,00 mm	2110200534	
2,50 mm	4,00 mm		MSTUB2540-PU-85A
	5,00 mm	2110300234	MSTUB3050-PU-85A
3,00 mm	6,00 mm	2110300334	
	10,00 mm	2110300634	
4,00 mm	6,00 mm	2110400434	MSTUB4060-PU-85A
		2110400634	
	7,00 mm	2110500234	
5,00 mm	8,00 mm	2110500334	MSTUB5080-PU-85A
	9,00 mm	2110500534	
	10,00 mm	2110500734	
6,00 mm	8,00 mm	2110600134	
	9,00 mm	2110600234	
	12,00 mm	2110600534	
6,50 mm	10,00 mm		MSTUB65100-PU-85A
7,00 mm	10,00 mm	2110700334	
	13,00 mm	2110700734	
8,00 mm	11,00 mm	2110800234	
	12,00 mm	2110800334	
		2110800534	
10,00 mm	14,00 mm	2111000334	
	18,00 mm	2111000934	
15,00 mm	21,00 mm	2111500234	
Box-QTY (BNS)		25m/Roll	upon request

# Tubing (imperial)

ID (")	OD (")	Silicone (Platinum cured)	Acrolene (TPE)	Soft Flexelene 121C (TPE)	Flexelene 135C (TPE)	EJ Prene (TPE)	PUR (Polyurethane)	LLDPE	PVC (Polyvinyl Chloride)	KFlex Kynar® (flexible Kynar lined)
0,012	0,025	2110030249								
0,016	0,031	2110040339								
0,020	0,037	2110050649								
0,025	0,047	2110060149								
0,030	0,065	2110070449								
0,031	0,094			SFLXC.5-1.5	FLXC.5-1.5	EJP.5-1.5				KFLEX.5-1.5
0,039	0,079				FLXC1-2MM					
0,040	0,085	2110100449								
0,058	0,077	2110140249								
	0,095	2110150949								
0,062	0,125	2110151049								
	1/8	U04081-PE00-100FT	SFLXC1-2	FLXC1-2	EJP1-2	MSTUB1632-PU-85A	MSTUB1632-PE-44D	MSTUB1632-PVC-70A		KFLEX1-2
1/16	3/16				FLXC1-3					
	1/4							MSTUB1664-PVC-70A		
0,078	0,125	2110190249								
5/64	5/32						MSTUB2040-PU-85A			
0,079	0,157				FLXC2-4MM					
3/32	5/32	U06101-PE00-100FT	SFLXC1.5-2.5	FLXC1.5-2.5	EJP1.5-2.5	MSTUB2440-PU-85A		MSTUB2440-PVC-70A		KFLEX1.5-2.5
0,104	0,192	2110260249								
	3/16		SFLXC2-3	FLXC2-3	EJP2-3	MSTUB3248-PU-85A		MSTUB3248-PVC-70A		KFLEX2-3
1/8	1/4	2110310249 U08161-PE00-100FT	SFLXC2-4	FLXC2-4	EJP2-4	MSTUB3264-PU-85A	MSTUB3264-PE-44D	MSTUB3264-PVC-70A		KFLEX2-4
	5/16					MSTUB3280-PU-85A				
0,132	0,18	2110330249								
0,145	1/4						MSTUB3764-PU-85A			
	1/4	U10161-PE00-100FT								
5/32	9/32						MSTUB4071-PU-85A	MSTUB4071-PVC-70A		
	0,236		SFLXC4-6MM							
0,157	0,276				FLXC4-7MM					
11/64	1/4						MSTUB4364-PU-85A	MSTUB4364-PE-44D	MSTUB4364-PVC-70A	
0,172	1/4									KFLEX170-4
Box-QTY (BNS)	1 5m/Roll	100ft/Roll	upon request							