

High Tear Strength Unreinforced Silicone Laboratory Tubing

Manufactured using 2,4 dichlorobenzoyl peroxide catalyst specifically for laboratory and medical use (not implant, telephone for information on peroxide free products). Material meets FDA 177.2600, USP XX/XX1, BGA XV and EP VI.1.3.2. Every effort is made to maintain minimum DCBA levels following post cure.

Typical Values	
Specification	High-tear strength silicone
Colour	Translucent ex stock
Specific Gravity	1.2
Hardness	50° shore 'A'
Tensile Strength	8.5 Mpa
Elongation At Break	700%
Compression Set: 24 Hours @ 175°C	50%
Tear Strength	35 Kn/m
Post Cure	8 hours @ 200°C

Variations in colour to BS or RAL spec numbers available to special order (chart available).

Further details of your purpose and operating environment would be required to recommend beyond this standard peristaltic grade material.

Ex Stock Extrusion Tolerances To BS3734 Class E1		
Nominal Above	Dimension Up To	(Values In mm) +/-
0.0	2.5	0.20
2.5	4.0	0.25
4.0	6.3	0.35
6.3	10.0	0.40
10.0	16.0	0.50
16.0	25.0	0.70
25.0	40.0	0.80

Specific Design Tolerances

Closer tolerances are achievable to a specific design band down to ± 0.1 mm. To be agreed prior to manufacture.