



**Translucent Reinforced Platinum Cured Silicone Hose**

Part Number	ID (inches)	ID (mm)	Wall (inches)	Wall (mm)	O.D (inches)	O.D (mm)	Working Pressure PSI @ 20°C
	0.250	6.30	0.118	3.00	0.472	12.0	140
	0.313	8.00	0.125	3.20	0.567	14.4	140
	0.375	9.53	0.125	3.20	0.625	16.0	140
	0.500	12.7	0.142	3.60	0.783	19.9	105
	0.625	16.0	0.157	4.00	0.945	24.0	100
	0.750	19.0	0.177	4.50	1.102	28.0	90
	0.875	22.2	0.197	5.00	1.268	32.2	65
	0.984	25.0	0.205	5.2	1.394	35.4	60

Low volatile grade, platinum cured silicone tubing produced in a clean room for critical pharmaceutical, biomedical, cosmetic and food applications. TYM grade tubing has been put through extensive physical, chemical and biological testing and meets USP Class 6, FDA 21.CFR.177.2600 and EP 3.1.9 (Pt) requirements.

Working pressures are based on calculated values operating on a 4:1 safety factor. For every 55°C increase in temperature over nominal 20°C pressure capability reduces by 10%. When products are used to create an assembly the pressure capability of the completed assembly may be less than the ratings quoted above. Please consult our technical department at [sales@tym.co.uk](mailto:sales@tym.co.uk) for advice. The data listed above should be taken as a guide to aid design and is believed to be reliable. However, nothing stated will constitute a guarantee or warranty for an individual application and field testing should be performed to produce actual values for that application.

All TYM PLATINUM GRADE compounds conform to either USP. FDA. EP or Water Council requirements. Please indicate which particular specification is required so that the correct compound formulation can be specified. Colours available on request.

Standard product is with a polyester braid. Glass braid is available simply suffix with GB in place of PB.