

HEATSENSE[®]

C A B L E S

Specialist High-Performance Solutions

TYGATHREAD™

PTFE Coated Glass Thread

TYGATHREAD™ is manufactured from high quality glass or stainless-steel thread, coated with PTFE (polytetrafluoroethylene) in our ISO 9001 approved manufacturing facility. Resultant products are ideally suited for demanding, high temperature sewing and joining applications in thermal insulation, filtration and related areas.

Typical Properties

<u>Product Number</u>	<u>Fibre Type</u>	<u>Construction</u>	<u>Coated Weight (g/km)</u>	<u>Yield</u>	<u>% PTFE</u>	<u>Tensile Strength (N/cm)</u>
T1	Glass	11/2/3/4	315	3200	18	85
T2	Glass	11/2/3/3	235	4250	12	75
T3	Glass	11/2/2/3	155	6500	12	50
SSO3	Stainless Steel	250/3	840	1200	12	100
ST102	Glass	11/2/3/3	260	3850	12	75
ST103	Glass	11/2/2/3	170	5900	12	50

Features/Benefits—TYGATHREAD™ combines exceptional high temperature performance with a unique combination of strength and flexibility. It is designed and manufactured with ease of use in mind.
Availability—Product is available on king spools. **ST102** and **ST103** have the additional benefit of a silicone oil finish as a further aid to processing. Unsintered versions are available on request. Heatsense also offer a commission coating service using customer supplied thread.

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