

Technical Info

High temperature sewing threads are useful in applications with temperatures up to 2000°F (1093°C). They provide excellent long-term outdoor exposure and are compatible with all industrial sewing machines.

GLT Products stocks two high temperature threads; GCST304 and GCINCTHREAD. They are both manufactured with 10 strands of 0.0017 wire wound in a unique fashion with 3 strands of flame retardant polyester thread. These threads are also coated with silicone for smooth operation.

GCST304 is manufactured from type 304 stainless steel and is designed for high temperature applications such as removable and reusable insulation blankets used in the marine, aerospace, industrial and commercial markets.

GCINCTHREAD is manufactured from Inconel 600 and has many of the same features of GCST304 plus it can be used for fireproofing pads where extreme high temperature resistance is required.

Features & Benefits:

- Polyester jacketing protects sewing machine guides from being grooved by metal to metal contact
- Lubricant provides smooth passage of thread
- Reduced downtime with thread breakage
- Will withstand high heat and temperature cycling
- Integrity maintained after long-term exposure to outside elements
- Resistance to mildew, aging, alkalis, chlorides and many other liquids and gases

Specifications:

AMS-5647
 ASTM-A182
 ASTM-A276
 ASTM-A314
 ASTM-A479
 ASTM-A580
 Federal-QQ-S-763
 Mil-S-862
 Mil-S-23195

Physical properties

Product	Temp Limit	Material	Diameter	Yield	Break Strength	Spool Weight
GCST304	1000°F	304SS	.0017"	Approx 6500 LF/lb	8 pounds	Approx. 2 pounds
GCINCTHREAD	2000°F	Inconel 600	.0017"	Approx 6500 LF/lb	8 pounds	Approx. 2 pounds

For more information on GLT Products, please visit us online at www.gltproducts.com or call toll-free at **1-800-874-1748**.



HEADQUARTERS:

6810 Cochran Road | Solon, OH 44139 | 440.914.1122 | 440.914.1133 Fax | **1.800.874.1748**

DISTRIBUTION CENTERS:

Ohio: 6810 Cochran Road | Solon OH 44139 | 440.914.1122
Texas: 2902 East 13th Street, Suite 200 | Houston, TX 77571 | 713-670-9700
North Carolina: 501 West Camel Street | Greensboro, NC 27401 | 1.800.551.9760
California: 4113 Gold River Lane | Stockton, CA 95215 | 1.800.833.4500