

# PRODUCT BULLETIN – TEXTURIZED, TWISTED HT-GLASS FIBERS WITH METAL WIRE REINFORCEMENT

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**SOURCE:** <https://texbay.us/>

Texturized HT-Glass fabrics are designed for high temperature applications up to 1,472 degrees F (800 degrees C). The Fibers can be texturized, twisted and equipped with Stainless Steel metal wire (V4A).

The texturizing of the fiber is to increase insulation values and abrasion resistances.

The metal wire reinforcement is to increase the tensile strength, serve as stress relieve and may be used for antistatic applications.

The Twist serves to combine the metal wire with the texturized fiber, aiding in the following textile process such as weaving, braiding, knitting, etc.

## **APPLICATONS:**

- weaving
- knitting
- braiding
- knit-braiding
- textile processing in general.

## **STANDARD SPECIFICATIONS:**

**Filament diameter (microns):** 9

**Filament diameter (US):** G

**Density h.y.p.p:** 11.6 up to 5.0

**Density tex:** 500 up to 1100

**Temperature Resistance:** 1,472 degrees F

## **Sizing:**

Following sizings are available, but may not apply to all SKUs:

- Starch-Oil Sizing
- Silane-based Sizing
- Oil-gelatine-based sizing
- Starch-Resin-Oil-based sizing

**STANDARD ITEMS:**

Industry standard tolerances: +/- 10%

Reference	Description	Filament Diameter	tex	lb/ bobbin	Standard Packaging
16385	HTTG 11.6 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	420	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16386	HTTG 10.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	500	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16387	HTTG 9.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	550	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16388	HTTG 8.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	620	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16389	HTTG 7.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	700	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16390	HTTG 6.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	820	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16391	HTTG 5.0 S2.0, 401 + V4A, Starch-resin-oil based sizing	9	1000	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16392	HTTG 11.6 S2.0, 401 Starch-resin-oil based sizing	9	820	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16393	HTTG 10.0 S2.0, 401 Starch-resin-oil based sizing	9	1000	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D
16394	HTTG 10.0 S2.0, 401 Starch-resin-oil based sizing	9	1100	12 lb/ bobbin	H = 8", 2.87" I.D, 7" O.D

**PRODUCT BULLETIN PERTAINS TO FOLLOWING SKUs:**

16385, 16386, 16387, 16388, 16389. 16390, 16391, 16392, 16393, 16394,

**DISCLAIMER:**

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