



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

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FLXGLAS HT TREATED SATIN WEAVE FIBERGLASS FABRICS

Product Description

FLXGLAS HT Treated Satin Weave Fiberglass fabrics are premium quality treated fiberglass fabrics. Utilizing a special process, the fiberglass fabrics are treated in order to extend the continuous temperature capability of the fabrics. Whereas, standard fiberglass can only be used at continuous temperatures up to 800°F (425°C), **FLXGLAS HT** fabrics can withstand continuous temperatures up to 1200°F (650°C) while maintaining good strength and flexibility. **FLXGLAS HT** consistently outperforms both standard fiberglass and other so-called “treated” fiberglass fabrics in elevated continuous temperature applications.

Features

- Maintains High Tensile Strength At Elevated Temperatures.
- Remains Flexible At High Temperatures
- Non-Flammable
- High Product Value

Benefits

- Assures Product Stability In High Temperature Applications
- Does Not Become Rigid and Brittle – Allows for Multiple Product Use
- Strong, Flexible and Economical in Price!

Technical Data

PROPERTIES	HT26H	HT52H
Weave Style	8 Harness Satin	12 Harness Satin
Warp, Ends/in.	46	42
Fill, Ends/in.	35	35
Tensile Strength, initial		
Warp lbs./in. (kg./2.54 cm.)	630 (286)	1050 (476)
Fill lbs./in. (kg./2.54 cm.)	490 (222)	840 (382)
After 3 hrs @ 1300°F (700°C)		
Warp lbs./in. (kg./2.54 cm.)	360 (163)	600 (272)
Fill lbs./in. (kg./2.54 cm.)	240 (109)	410 (186)
Thickness, in. (mm.)	0.030 (0.76)	0.055 (1.4)
Weight, oz./sq.yd. ² (gms./m ²)	26 (880)	52 (1760)
Widths, in. (cm.)	38 (97) 60 (150)	38 (97) 60 (150)

Notes: Standard roll length is 50 yds (45.7 m). Special roll lengths available upon request.

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the Flxglas specialty fiberglass products. Flxglas fabrics will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of Flxglas Products in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the Flxglas fabrics for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by AVS Industries, LLC.