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AVS B18T-1-50 BASALT FABRIC

Product Description

AVS B18T-1-50 is a medium-weight twill basalt fabric with a silicone coating applied to one side of the fabric. The silicone coating improves the handling properties of the basalt fabric for textile fabrication. **AVS B18T-1-50** basalt fabric can be used to manufacture a variety of high temperature textile parts consisting of removable covers for automotive or industrial applications.

Features and Benefits

AVS B18T-1-50 basalt twill woven fabric is a strong environmentally friendly fabric. Basalt filament is made from volcanic rock which has the following properties:

- Temperature use range of -500°F (260°C) to 1200°F (649°C)
- Excellent chemical resistance properties (acids and alkali's)
- Minimal shrinkage when exposed to high temperature conditions
- Resistant to bacterial growth
- Non-conductive

Technical Data Properties

AVS B18T-1-50 Basalt Fabric

Nominal Weight: oz/yd ² (grams/m ²)	18.2 (620)
Filament Diameter: (Micron)	13
Silicone Coating	1-Side
Base Fabric Weave	Twill
Nominal Thickness: inches (mm)	0.026 (0.65)

NOTES:

1. The silicone coating will gradually degrade at temperatures above 500°F (260°C).
2. At continuous operating temperatures over 1000°F (538°C) the basalt fabric pliability will be reduced.
3. Roll length is 27.34 yds. (25 mts). Roll width is 50 inches (127 cm)
4. Color Dark Greenish Black

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the **AVS B18T-1-50** basalt fabric. **AVS B18T-1-50** basalt fabric 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 **AVS B18T-1-50** basalt fabric, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of **AVS B18T-1-50** basalt fabric 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.