



WHEN THE **HEAT** IS ON, KEEP YOUR COOL WITH **AVS!**

TDS-76
May 2019

AVS FIBERGLASS PTFE 17S-1

Product Description

AVS Fiberglass PTFE 17S-1 is a high-performance E-glass fiberglass fabric coated with Polytetrafluoroethylene (PTFE) on one side for industrial applications. **AVS Fiberglass PTFE 17S-1** has been engineered with a premium grade PTFE coating that provides outstanding abrasion resistance.

The dimensional stability, smooth surface, and mechanical durability of **AVS Fiberglass PTFE 17S-1** make this fabric ideal for harsh environmental conditions. **AVS Fiberglass PTFE 17S-1** has a soft texture and can be easily sewn into fabricated textile products. The PTFE coating can be easily cleaned and is highly resistant to a variety of chemicals.

Applications

AVS Fiberglass PTFE 17S-1 is a high-performance PTFE coated fabric that is used in the fabrication of textile parts for industrial applications. **AVS Fiberglass PTFE 17S-1** is typically utilized as the outer liner for removable covers and insulation pads.

Technical Data Properties

Construction	PTFE Coated Fiberglass (One Side)
Weight: oz/yd ² (g/m ²)	17 (576)
Thickness: inches (mm)	0.017 (0.0432)
Base Fabric	4H Satin (Crowfoot)
Fire Resistance	Flame Retardant in PTFE Coating
Nominal Width: inches (cm)	59 (150)
Service Temperature, (°F)	
Fiberglass	1000°F (538°C) - Intermittent
PTFE	600°F (315°C) – Degradation

NOTES:

1. Standard roll length is 50 yards.
2. Base fabric is comprised of E-glass fiberglass.
3. PTFE Color(s) are Grey and Black.

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the **AVS Fiberglass PTFE 17S-1**. **AVS Fiberglass PTFE 17S-1** 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 Fiberglass PTFE 17S-1** in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of **AVS Fiberglass PTFE 17S-1** 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.