



## The Best Fabric for Snow Shield Covers

### Architectural Tedlar® Fabric Specifications Sheet

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	5.0 oz/yd <sup>2</sup>	170 g/m <sup>2</sup>
Finished Coated Weight ASTM D751	24 oz/yd <sup>2</sup> +2/-1 oz/yd <sup>2</sup>	814g/m <sup>2</sup> +70// -35 g/m <sup>2</sup>
Trapezoidal Tear ASTM D4533	800/65 lb <sub>f</sub>	356/289 N
Grab Tensile ASTM D751	400/350lb <sub>f</sub>	1780/1558N
Strip Tensile ASTM D751 Procedure B	300/240 <sub>f</sub> lb/in	263/210 daN/5 cm
Hydrostatic Resistance ASTM D751 Procedure A	500 psi	3.45 MPa
Dead Load ASTM D751	120 lb <sub>f</sub> @ Room Temp. 60 lb <sub>f</sub> @ 160 ° F	534 N @ Room Temp 267 N @ ° 91 C
Low Temperature ASTM D2136	LTC: Pass @ -40 ° F LTA: Pass @ -67 ° F	Pass @ -40 ° C Pass @ -55 ° C

#### Flame Resistance

- Meets NFPA 701, ULC-S109, ASTM D6413 (2 second flameout)
- ASTM E84 - Flame spread index <25, smoke development rating <450

W. B. Walton Enterprises, Inc. (Walton De-Ice) is announcing a new fabric for use in making the Snow Shield Covers. “We are very excited with the results that we have seen so far in both C and Ku Band with the new fabric. The mechanical characteristics and Rf transparency is almost the same as the PTFE fabric that we have been using since coming out with the Snow Shield Cover 18 years ago. The quality of the fabric is far superior to any of our competitor’s fabrics and will be roughly half the price of the PTFE Snow Shield Cover. With the new fabric, we will still be able to offer it as a passive system or utilize both Electric and Gas Heater De-Icing Systems along with the Ice Quake De-Icing Systems.

