

# The Better Fabric for Snow Shield Covers



## Architectural Kynar® Fabric Specifications Sheet

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	4.3 oz/yd <sup>2</sup>	146 g/m <sup>2</sup>
Finished Coated Weight	21 oz/yd <sup>2</sup>	712g/m <sup>2</sup>
ASTM D751	+2/-1 oz/yd <sup>2</sup>	+70// -35 g/m <sup>2</sup>
Trapezoidal Tear		
ASTM D4533	50/60 lb <sub>f</sub>	223/267 N
Grab Tensile		
ASTM D751	375/350lb <sub>f</sub>	1669/1558N
Strip Tensile		
ASTM D751 Procedure B	350/325 <sub>f</sub> lb/in	307/285 daN/5 cm
Hydrostatic Resistance		
ASTM D751 Procedure A	500 psi	3.45 MPa
Dead Load		
ASTM D751	106 lb <sub>f</sub> @ Room Temp. 53 lb <sub>f</sub> @ 160 ° F	472 N @ Room Temp 236 N @ 91 ° C
Low Temperature		
ASTM D2136	LTA: Pass @ -67 ° F LTC: Pass @ -40 ° F	Pass @ -55 ° C Pass @ -40 ° C
Flame Resistance		
	<ul style="list-style-type: none"> <li>Meets NFPA 701, ULC-S109, ASTM D6413 (2 second flameout)</li> <li>ASTM E84 - Flame spread index &lt;25, smoke development rating &lt;450</li> </ul>	

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. Recently, the fabric was tested at K band with impressive results. At 20.7 GHz. there was only a .4 db drop in gain. The 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 a third 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.

