NOVASHIELD™ ELITE WITH ARMORKOTE™

IPG® now offers a brand-new film laminated fabric with the same high strength-to-weight ratio that NovaShield™ is known for with even greater durability. NovaShield™ ELITE is designed to meet the highest standards in the industry. Our patented weave produces impressive strength-to-weight ratios and its lighter weight makes for easier, faster, money-saving installations. NovaShield™ ELITE features a film laminated top side that has outstanding abrasion resistance, flex crack resistance and longevity, supported by a 20-year limited warranty.

FEATURES & BENEFITS

- Film lamination on top surface
- Flame retardant
- Enhanced UV protection for long service life
- High strength-to-weight ratio
- High level of abrasion resistance
- High resistance to crack formation
- 20 year limited warranty
**PRODUCT ATTRIBUTES**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Weave</th>
<th>Coating/Film</th>
<th>Weight</th>
<th>Cores</th>
<th>Width</th>
<th>Length</th>
<th>Colors</th>
<th>Limited Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NovaShield™ ELITE</td>
<td>Woven FR-UV HDPE Tapes</td>
<td>Engineered PE FR Film/Coating</td>
<td>13.8 oz/yd² (470 gsm)</td>
<td>4&quot; I.D.</td>
<td>Up to 144&quot; (-0, +0.5)</td>
<td>500 yd rolls</td>
<td>White/White</td>
<td>20 years</td>
</tr>
</tbody>
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**Grab Tensile** | **Strip Tensile** | **Tongue Tear** | **Trapezoidal Tear** | **Mullen Tear** | **Accelerated UV Weathering †** | **Low Temperature Bend** |
| ASTM D5034 | ASTM D5035 | ASTM D2261 | ASTM D4533 | ASTM D3786 | ASTM G154 | ASTM 2136 |
| Warp 400 lb (1776 N) Weft 400 lb (1776 N) | Warp 260 lb/in (2309 N/5cm) Weft 240 lb/in (2131 N/5cm) | Warp 90 lb (400 N) Weft 90 lb (400 N) | Warp 80 lb (355 N) Weft 75 lb (333 N) | 650 PSI (4478 kPa) | †>90% strength retention after 2000 hrs exposure @ 0.77 W/m²/nm, or 1200 hrs exposure @ 1.35 @/m²/nm | -65°C |

These values are typical data and are not intended as limiting specifications.
† Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C

**FR PERFORMANCE**

This product meets the requirements of NFPA 701 – 1989 (large and small scale), CAN/ULC S109 (large scale), ASTM E84-00a (Class 1; FSI=10; SD=70), California Fire Marshal (F-51407).

**PRO FORMA- BASED ON LIMITED DATA**

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**PRODUCT APPLICATIONS**

- Membrane structures
- Warehouses
- Aviation hangars
- Marine equipment storage

**MARKETS**

- Oil & Gas
- Aviation
- Sports & Recreation
- Industrial
- Public works
- Mining

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