TECHNICAL DATA SHEET

SAFETY & SECURITY WINDOW FILM

DYED SAFETY · 4 MIL · BLACK

SAFETY 4 05

8% VISIBLE LIGHT	**45%** SOLAR ENERGY REJECTED
134 lb/in BREAK STRENGTH	**99%** UV REJECTED



PERFORMANCE DATA

Visible light transmitted (VLT)	**8%**
Visible light reflectance	**7%**
Total solar energy rejected	**45%**
Solar transmitted / absorbed / reflected	**48 / 50 / 8%**
UV rejected	**99%**
Winter median U-value	**1.09**
Film type	**Dyed, non-reflective**

PHYSICAL PROPERTIES

Film thickness	**4 mil (0.004 in)**
Tensile strength	**33,600 psi**
Break strength	**134 lb/in**
Elongation at break	**>100%**
Peel strength	**2,750 g/in**
Puncture strength	**103 lb**

BENEFITS

- **Maximum privacy**
  Black, the darkest shade: blocks views from outside and cuts glare.
- **Holds broken glass in place**
  Keeps shards together to help protect people from flying glass.
- **Solar heat control**
  Rejects 45% of total solar energy for more comfortable rooms.
- **UV protection**
  Blocks 99% of UV rays to help protect furnishings from fading.
- **Non-reflective look**
  Only 7% visible reflectance: no mirror effect.

SHADES · 4 MIL

05 | 15 | 20 | 35 | 50 | 70

All tested materials were applied on a ¼″ clear glass surface in accordance with industry standard tests. Data is for comparison purposes only.

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