TECHNICAL DATA SHEET

# SAFETY & SECURITY WINDOW FILM

DYED SAFETY · 8 MIL · BLACK

## SAFETY 8 05

| | |
|---|---|
| **8%** VISIBLE LIGHT | **45%** SOLAR ENERGY REJECTED |
| **265** 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 | **1.04** |
| Film type | **Dyed, non-reflective** |

## PHYSICAL PROPERTIES

| | |
|---|---|
| Film thickness | **8 mil (0.008 in)** |
| Tensile strength | **30,400 psi** |
| Break strength | **265 lb/in** |
| Elongation at break | **>100%** |
| Peel strength | **2,750 g/in** |
| Puncture strength | **173 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 · 8 MIL

**05** | 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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