TECHNICAL DATA SHEET

CARBON WINDOW FILM

SHADE 50 · CARBON LINE

CARBON 50

48% VISIBLE LIGHT	**36.3%** SOLAR ENERGY REJECTED
99% UV REJECTED	**43%** IR REJECTED



PERFORMANCE DATA

Visible light transmitted (VLT)	48%
Total solar energy rejected	36.3%
UV rejected	99%
IR rejected	43%
IR rejected (0.9–1.0 µm)	46%
Visible light reflectance — interior	5.5%
Visible light reflectance — exterior	5.5%
Thickness	2.0 mil

BENEFITS

- **Lighter look**
  A light shade that keeps the cabin bright.
- **Solar heat control**
  Rejects 36.3% of total solar energy for a cooler cabin.
- **UV protection**
  Blocks 99% of UV rays, protecting passengers and interiors.
- **Low-reflective finish**
  Only 5.5% interior and 5.5% exterior reflectance — no mirror look.
- **Carbon film technology**
  2.0 mil carbon construction.

THE CARBON LINE

03	05	15	20
35	40	**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. NIR: 900–1000 nm range.

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