

AUGUST 2025

AUTOMOTIVE

Technical Data Sheet

General Description:

CovrGard® Carbon Series Window Films offer top-notch performance thanks to their use of advanced carbon based technology. This technology ensures long-testing colour stability and excellent heat rejection. In addition to its impressive technical features, this window film boasts high optical clarity and a striking deep graphite colour that enhances the appearance of any vehicle.

CARBON SERIES

	C5	C15	C25	C35	C50	C75
VLT Visible Light transmission	5%	15%	25%	34%	50%	77%
TSER Total Solar Energy Rejected	48%	46%	45%	43%	42%	41%
UV Block	99%	99%	99%	99%	99%	99%
IR Block (950nm)	86%	90%	83%	79%	77%	90%
IR Block (1400nm)	85%	85%	92%	82%	82%	95%
Reflection of External Visible Light	10%	9%	8%	9%	9%	8%
Reflection of Internal Visible Light	10%	7%	7%	8%	8%	7%
Haze	1.2	1.2	1.2	1.1	1.1	1.0
Shading Coefficient	0.322	0.437	0.471	0.448	0.529	0.678
Solar Heat Gain Coefficient	0.109	0.149	0.41	0.27	0.374	0.467
Thickness	1.8mil					

Important notice to purchaser. All statements, technical information and recommendations are based on independent test results as shown above. Before using any product in any application, it is recommended that testing for suitability for intended use is carried out.

Recommended Shelf Life - 2 years from date of purchase
Recommended Storage Conditions - 72°F (22°C) @50% RH