

Groglass anti-reflective coatings

Trusted by professionals

Sapphire by Groglass anti-reflective coatings deliver consistent, high-quality results in industry-standard tests, ensuring reliable performance across various applications.

INDUSTRY TESTS PERFORMED

- ✓ **Thermal resistance test**
According to MIL-C-48497A
- ✓ **Adhesion strength test**
According to MIL-C-48497A
- ✓ **Solubility test**
Severity 5, 11, 12; According to ISO 9211
- ✓ **Neutral salt spray test**
EN1096 Class A
- ✓ **Acid resistance test**
EN1096-2
- ✓ **Abrasion test**
EN1096 Class A
- ✓ **UV resistance test**
EN1096 Class A
- ✓ **Condensation resistance test**
EN1096 Class A
- ✓ **Hard pencil test**
According to DIN 55 656
- ✓ **Cleanability test**
Standartized Groglass cleanability test
- ✓ **Tested for:**
Tempering, printing, bending, drilling



Key strengths!

Choosing the right anti-reflective coating matters!
See below what sets us apart from the competition.



GROGLASS STRENGHTS VERSUS COMPETITORS

VERSUS 
COMPETITOR **A**

Groglass coatings demonstrate better scratch resistance and cleanability while also passing the neutral salt spray resistance test — a test that Competitor A fails.

VERSUS 
COMPETITOR **B**

Groglass coatings deliver better cleanability results and successfully pass both the neutral salt spray resistance test and the solubility test, which Competitor B does not.

VERSUS 
COMPETITOR **C**

Both coatings have similar scratch resistance, but Competitor C's optical properties degrade more easily, and its reflection tint shifts to a red hue after tempering.

VERSUS 
COMPETITOR **D**

Groglass coatings outperform Competitor D in both scratch resistance and cleanability tests.

VERSUS 
COMPETITOR **E**

Groglass coatings surpass Competitor E in cleanability, offering easier maintenance and lasting clarity.