

Anti-scratch varnishes for optical surfaces

ISOICHEM's solution to your need

Plastic lenses are lighter and more impact resistant than glass but as a consequence are less resistant to surface damage and must be protected against the effects of scratching and abrasion.

ISOICHEM manufactures and offers a complete range of varnishes for anti-scratch coating of organic optical surfaces. Our products are easy to use and provide a long-lasting lens protection while maintaining maximum optical performance. Our varnishes are suitable for sun and ophthalmic glasses, safety glasses and eye shields.

Product family

Product #	TE 1-8	SR 4	AE 12	300-1	VAG-O
Properties	Flexible	Flexible	Flexible	Easy to use	For gold and silver surfaces
	Tintable	Tintable	Tintable	Low tack free	
Solvent	Butanol, methanol, ethanol.	Butanol, methanol, ethanol.	Ethanol	Butanol, methanol, ethanol.	Butanol, methanol, ethanol
Surface to coat	PolyCarbonate	PolyCarbonate	PolyCarbonate	PolyCarbonate	PolyCarbonate
	Trogamid©	Trogamid©	Trogamid©	PMMA	PMMA
	CR 39©	CR 39©	CR 39©	CR 39©	CR 39©

*Isochem offers a tailor made service of adapting these varnishes to specific demand criteria.

ISOICHEM's varnishes consist of low molecular weight polysiloxane dissolved in hydrophilic solvents. The coatings can be applied by a variety of techniques followed by a cure cycle at about 100 °C for full reticulation to form a hard coating that will resist everyday abrasion.

The area to be coated has to be clean and dry before coating and polycarbonates are generally washed with a detergent solution before application is made by the preferred method (dip, spray, rotation or flow coating) the last three if users wish to coat only one face.

The varnishes must be stored at low temperature (the warranty period is, for instance, 4 months at +5°C). For further information please contact:

Jean-Claude BRUYÈRE – mail : jeanclaudio@bruyere-pirot.com
 Tel: + 33 (0)1 43 46 53 56 Mob.:+ 33 (0)6 82 82 05 13

ISOICHEM S.A.S - 32 rue Lavoisier - 91710 VERT LE PETIT France
 Tel: +33 (0)1 64 99 03 00 Fax: +33 (0)1 64 99 03 50