TopFlex™ Hydrophobic Coating

Solvent- and Soil-Repellent Coating, UV/IR-Transparent

Hydrophobic coating TopFlex™ is chemically resistant against water, oil and grease. This top-coating is easy to clean and also repellent to dirt. The coating exhibits a good adherence to the substrate and is very resistant to various forms of cleaning processes.

Benefits
- Dirt and solvent repelling coating
- Very smooth and easy-care surface
- Spectrally neutral in VIS and IR range
- Wetting angle approximately 120°
- Temperature stability up to 300°C
- Resistant for scratching and corrosion
- Soil resistant

Technical Data

AR coating without TopFlex™ coating
Wetting angle = 36°
Fluids and dirt adhere on the surface

AR coating with TopFlex™ coating
Wetting angle = 120°
Fluids and dirt do not adhere on the surface

Applications
- Endoscopy
- Sensorics
- Camera glass
- Diagnostics
- Research
- Metallic coating

Schematic of TopFlex™

Optics Balzers AG
Neugrüt 35
LI-9496 Balzers
Liechtenstein
T +423 388 9200
F +423 388 9390
info@opticsbalzers.com
www.opticsbalzers.com