

Spec. Number HC-1
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Revision 1

Hydrophobic Coatings

Ultra thin films are deposited on the surface of materials to modify the surface properties and enhance water and other fluid repellent. The thin film is bonded to the substrate to create a barrier against non-reactive fluid allowing the surface to be easily cleaned.

A hydrophobic thin film applied to an optical surface is engineered to not affect the optical properties of the component. The hydrophobic thin film can be applied on top of most optical thin films to create multi-layer coatings that meet optical properties while providing an external surface that repels fluids while providing additional protection against dirt, dust, other surface contaminants and providing an additional scratch resistant layer of protection.

Note: As with most thin films, this type of coating requires specific end use application engineering to optimize the coating solution to your needs.

Characteristic	Test/Attribute	Indication
Substrate Specifications	Customer specific	
Cosmetics Specifications	Customer specific	