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ANTI-FOG PRODUCTS - LINE CARD

Coating Technologies

APPLICATION	SAFETY EYEWEAR , VISORS, GOGGLES, FACE SHIELDS, INSTRUMENT CLUSTERS FOR OUTDOOR EQUIPMENT, VEHICLE HEADLAMP, MIRRORS & WINDOWS				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
AF-6114	One-part abrasion resistant water washable anti-fog coating. A blending of polysiloxane and urethane technology allows for a smooth surface feel with excellent anti-fog properties. High yields due to excellent flow out.	Dip, Spin	Glass, (PC), Plastic	Thermal	Anti-Fog (Permanent), passes EN166-N, water sheeting, abrasion and chemical resistant. Compatibility with mirror coating treatments.
APPLICATION	**MOTORCYCLES VISORS & FACE SHIELDS, PROTECTIVE GOGGLES AND MASKS. MEDICAL, SAFEY, MILITARY & SPORTS EYEWEAR**				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Visgard Elite Visgard®	Combines water sheeting anti-Fog performance with abrasion and chemical resistance. REACH compliant, excellent wipability, multi– package compatible with LDPE, HDPE, and PP. Suitable for dip or flow application. Primer-free adhesion to polycarbonate substrates.	Dip, Flow	Primer-free on PC	Thermal	Superior Anti-fog Performance, Water Washable & Water Sheeting. Outstanding Abrasion & Chemical Resistance. Meets demanding industry test requirements (EN166K, EN166N, EN166UV).
APPLICATION	**SAFETY EYEWEAR, MOTORCYCLE VISORS, SPORTS GOGGLES, ELECTRONIC DISPLAYS**				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Visgard® Premium Plus	One-part abrasion resistant water washable anti-fog coating. Improved surface feel, anti-fog and cosmetics, cures smooth to the touch. Easy to use single coat system, can be stored at room temperatures. Primer-free application to PC.	Dip, Flow	Primer-free on PC	Thermal	Best-in-class Anti-Fog performance, abrasion, chemical & UV resistance. Excellent environmental durability. Primer-free application to PC, meets demanding industry test requirements (EN166K, EN166N, EN166UV). Impact and scratch resistance.
APPLICATION	**SAFETY EYEWEAR, MOTORCYCLE VISORS, SPORTS GOGGLES, ELECTRONIC DISPLAYS**				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Visgard Premium SE	One-part abrasion and chemical resistant anti-fog coating. REACH complaint, does not require primer for use on polycarbonate substrates. Can be directly metalized or A/R treated.	Flow, Dip, Spin	Primer-free on PC	Thermal	Excellent Anti-Fog, Optical Clarity, Water Sheeting. Abrasion and Scratch Resistance. Compatible with mirror and anti-reflective coating.

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APPLICATION	MEDICAL & SAFETY EYEWEAR, PROTECTIVE FACE SHIELDS & VISORS, INTERIOR SIDE COATING FOR HEADLAMPS & INSTRUMENT CLUSTERS, MIRRORS & WINDOWS				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Visgard 106-94-A AND Visgard 106-94B	Two-part abrasion resistant water washable anti-fog coating system designed for flow coating the inside, or back side, of a two-sided polycarbonate or acrylic parts or sheets. Tintable and excellent for low temperature materials such as acrylic. Requires pre-mixing, not recommended for dip coating or application to swim goggles.	Flow, Dip, Spin	PC, PMMA, Glass-with primer	Thermal	Primer-free application to Polycarbonate and acrylic. Anti-Fog, Optical Clarity, Water Sheeting. Abrasion, Chemical, Impact and Scratch Resistance
APPLICATIONS	**SAFETY EYEWEAR, VISORS, GOGGLES, MASKS & FACE SHEILDS**				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Visgard 121-35	Abrasion and chemical resistant water washable anti-fog coating. Suitable for dip or flow coat application on polycarbonate substrates. Does not require use of primer.	Dip, Flow	Primer-Free on PC	Thermal	Excellent anti-fog, abrasion, chemical and UV resistance; thermoformable.
Visgard 121-45	Abrasion and chemical resistant water washable anti-fog coating. Suitable for dip or flow coat application on polycarbonate substrates. Does not require primer for use.	Dip, Flow	Primer-Free on PC	Thermal	Improved chemical and scratch resistance. Excellent anti-fog performance; thermoformable.
APPLICATION	**SWIM GOOGLES & DIVING MASKS**				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
Vistex 105-20A AND Vistex 105-20B Vistex®	Two-part coating system, offers excellent anti-fog properties but no scratch resistance. Requires pre-mixing and must be diluted to work properly.	Flow	PC	Thermal	Extremely hydrophilic anti-fog coating. Optical clarity, water washable and soakable, water wetting. Water-based and non hazardous. Excellent chemical resistance.
Vistex 111-50	One-part coating system, offers excellent anti-fog properties. Does not require pre-mixing to use.	Dip, Flow, Spray	PC	Thermal	Anti-Fog, optical clarity, water washable, water sheeting. Provides outstanding chemical resistance.

