

# Product Bulletin

## Concept® 238

### MotoMark™ 12.0 mil “ARMOR” Clear UV Overlaminate

Concept® 238 MotoMark™ 12.0 mil “Armor” is a flexible gloss clear calendared vinyl offering, UV protection. This film is designed for use as a protective overlaminating film on the 235 MotoMark™. Recommended for the powersport, graphic and decal markets. This product is formulated for exceptional clarity and durability.

#### Applications

Concept® 238 MotoMark™ is intended for use as the overlaminating film on Concept® 235 MotoMark™ 4.0 mil “Grip”. This overlaminate and vinyl combination is used for a variety of Quads, Snowmobiles, Motocross, Powersport Vehicles, Helmets and Carts. The adhesive system is formulated to adhere to most common solvent, eco-solvent, latex, thermal, UV, offset and screen inks. However, specific formulations must be tested before use. Some ink may contain excessive flow additives that could reduce adhesion of this product. Testing is always suggested before production. Specifically test applications to gas tanks.

#### Thickness

Film	12.0 mils
Adhesive	1.8 to 2.2 mils
Liner	3.0 mils.
(Thickness variation +/- 10%)	

#### Temperature Ranges

Minimum application temperature	+40°F.
Service temperature	-40°F to +200°F.

#### Expected Exterior Exposure

5 Years under normal exposure conditions and proper care.

#### Adhesion

To stainless steel 40 oz/in.  
Tested according to PSTC-101 Method A with 24-hour dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

#### Surface Gloss

Minimum 80 when measured at 60° MD fresh.

#### Water Resistance

Excellent

#### Humidity Resistance

Excellent

#### Storage Stability

One year shelf life when stored at 70°F and 50% relative humidity.

#### Product Code

238-15	15”x 75’	238-24	24”x 75’
238-30	30”x 75’	238-54	54”x 75’
238-60	60”x 75’		

#### Recommendations:

Completely evaporate inkjet solvents before application. Failure to do so may facilitate solvent penetration resulting in vinyl degradation. Always thoroughly test this product to confirm that it meets your requirements. Proper preparation of plastic surfaces requires cleaning with alcohol or acetone to remove contaminants before application. Failure to prepare the surface can cause premature failure of the graphic or decal.

The above recommendations for these products usage does not suggest or constitute a verbal or written guarantee or warranty by the manufacture or its dealers of this product. Individual purchasers or users shall be responsible for determining the materials suitability as well as its intended use and application.



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