

PRODUCT BULLETIN

GF 238 | MOTOMARK™ "ARMOR" UV LAMINATE

PRODUCT DESCRIPTION

Summary: GF 238 MotoMark™ 300mic "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:	GF 238 MotoMark™ is intended for use as the overlaminating film on GF 235 MotoMark™ 100mic "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.
Film Thickness:	300mic (Thickness variation +/- 10%)
Adhesive Thickness	45mic (Thickness variation +/- 10%)
Liner Thickness	80gsm (Thickness variation +/- 10%)
Temperature Ranges:	Minimum application temperature +4,4°Celsius Service temperature -40°C to +93°C.
Expected Exterior Exposure:	5 Years under normal exposure conditions and proper care.
Adhesion:	To stainless steel 11 N/25mm (FTM01). 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 21°C and 50% relative humidity.
Opacity:	Surface Gloss: Minimum 80 when measured at 60° MD fresh.
Product Codes:	E238-54 1,37m x 25m E238-60 1,52m x 25m

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We believe the information on this product to be accurate. However, since we cannot anticipate or control the conditions under which this information or our products may be used, we cannot guarantee results obtained through their use. Tests of our products should be made by users to determine the suitability of these products for a specific purpose. The products are sold without warranty, either express or implied. The purchaser should refer to General Formulations, Inc's Price List for Terms and Conditions or Sale, Including Disclaimer of Warranties and Limitation of Liability.

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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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