

ANTIFLASH G-144, air and oven drying, thermal class F-155°C



PRODUCT DESCRIPTION

ANTIFLASH G-144 electro-enamel is a red Alkyl- epoxy varnish, with incorporated mineral additives that provide special thermal conductivity and dielectric rigidity properties, also highly resistant to Class F temperature (155°C). ANTIFLASH G-144 is an anti-flash product the main characteristics of which are protection of the winding against the sparks that may occur between the collector and the winding, or between the collector and the metal casing of motor. The viscosity of ANTIFLASH G-144 allows for the gaps between the wound wires to be filled.

APPLICATION

For windings or surfaces which must be subjected to humidity (marine motors), or in environments with a high dust level. It has been demonstrated that a large number of the shorts-circuits that put a motor out of use, are due to the presence of foreign bodies that have penetrated into the loops of the winding. A winding protected by ANTIFLASH G-144, has a flush surface on which neither dust nor water can act. A motor that has been treated with ANTIFLASH is safer and presents a better appearance.

HOW TO USE

It is usually applied with a brush to the exterior of the winding, or inside the motor casing. It can also be sprayed on, after being suitably diluted. Drying is done at ambient temperature. Should you require faster drying the windings can be painted when hot (80°C) on leaving the oven. It is recommended that the product should be well stirred before application, so as to evenly distribute the mineral charges that it contains. To reduce the viscosity we recommended to use DILUYENTE F-5.

PHYSICAL SPECIFICATIONS

Color	Red (RAL 3011)
Densidad a 20°C (gr/cm ³)	1.02
Ford Cup Viscosity N° 4 at 20°C (sec)	35 ± 5
Solids (%).....	50 ± 3
Drying time (on plate) at 20°C (minute)	15
Drying time depth (min.)	60-90
Thermal Class	F (155°C)
Storage stability at 20°C	12 months

DIELECTRIC PROPERTIES

Dielectric perforation in film thickness of 0.01 mm	
NATURAL STATE	1100 V
After 8 days in distilled water	950 V
After 8 days in transformer oil	1250 V

PACKAGES

The product is available in 5L, 25L packaging and in the form of a 500ml spray. Available under customer's order in larger packages.