

ENCASE™

THERMOPLASTIC COATINGS

Wire goods are found in many products that we use on a daily basis.

Their coating require special attention to make sure it is hard wearing and tough, to extent the product lifetime and overall durability.

ENCASE™ is single coat, low cost thermoplastic coating solution that is designed specifically for the finishing of wire goods.



OVERVIEW

How does it **work**?

ENCASE™ is formulated with a polyethylene-base. It has a unique finish for wiring that can be applied by fluidized bed or electrostatic spray.

Main Features

- Low cost coating.
- No need of a primer.
- Scratch and chip resistance.
- Excellent color retention.
- Lower application temperature and durability.

TYPICAL APPLICATIONS

CONSUMER PRODUCTS & APPLIANCES

- Wire Racking & Goods

COLOR OPTIONS

Stock colors

Select one of the many stock colors that are readily available for processing.

Color reference chart

Get inspired from a broad range of standard colors. Request a RAL fan deck or ask one of our experts

Custom formulations

Talk to your coating expert regarding custom formulations to fit your exact needs.

SUPPORT

Compliance

ENCASE™ can be formulated to be compliant with certain guidelines. Ask our experts to see what different types of compliance, certification, or accreditation is available in your area.

Care & maintenance

To ensure the life of your asset is maximised, a simple and regular maintenance program should be implemented.

Contact our experts for specific tips and advice of cleaning.

Troubleshooting

We stand by our products, even when things don't go quite as planned. From cleaning and phosphating all the way to the final cured film appearance, we are here to help address your issues with proven solutions.

Contact our experts for tailored support.

PROVEN PERFORMANCE

TYPE	METHOD	RESULT
SPECIFIC GRAVITY	ASTM D792	0.943 g/cm ³
HARDNESS	ASTM D2240	55
VICAT SOFTENING POINT	ASTM D1525	208°F (97°C)
QUV	ASTM G53	Not UV stable
TABER ABRASION	ASTM D4060	29 mg loss, CS 17 wheel
SALT FOG (1,000 HOURS IN-SCRIBED)	ASTM B117	No Blistering
MELT INDEX	ASTM D1238	30
GLOSS RETENTION	ASTM B523	2.7% Loss
FREEZE / THAW	UPC FT-1	No effects, 10 cycles



FORMULATING THE RIGHT MIX

For more than 45 years, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. The Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



AMERICAS
americas@protechpowder.com

ASIA-PACIFIC
asia@protechpowder.com

**EUROPE, MIDDLE EAST
& AFRICA (EMEA)**
emea@protechpowder.com