



PYRO SAFE

FLAMMOTECT-A ABLATIVE COATING FOR CABLES



PYRO-SAFE Flammotect-A is an ablative cable coating product manufactured in Germany by SVT to protect cables from fire spread across their surface should a fire start on or adjacent to the cables.

PYRO-SAFE Flammotect-A is FM approved, a requirement for most industrial applications in Australia and is suitable for both internal and external usage and is DNV approved for marine and offshore applications.

Ablative coatings, do not react under fire conditions, they are extremely endothermic and ceramify under fire conditions, absorbing heat and slowing down flame propagation.










The stringent FM Approval process ensures that PYRO-SAFE Flammotect-A can withstand extreme conditions such as freeze / thaw cycles, UV light, grease, oil and other contaminants present in industrial applications. This testing also ensures that the protective coating does not de-rate the cables current carrying capacity.

APPLICATION

PYRO-SAFE Flammotect-A is used to protect cables from fire spread in industrial, marine and offshore applications where the most stringent independent approvals such as FM Approval and DNV listings are required for land based and marine / off shore requirements respectively.

Used both locally and internationally in nuclear power plants, industrial facilities, power generation plants, offshore oil rigs, ships, sub stations and the like.

KEY FEATURES AND BENEFITS

-  Ablative based cable coating
-  FM Approval & DNV marine listings
-  Water based material
-  Suitable for vertical and horizontal cable runs
-  External and internal usage
-  Resistant to acids, oils and salt water exposure
-  Withstands fire spread for over 60 minutes
-  Does not de-rate current carrying capacity of cables
-  For further information on these products, contact Trafalgar

The information contained in this brochure was correct at the time of printing. E&OE

Trafalgar is the well respected brand, synonymous with the supply of engineered solutions for the containment of fire, smoke and sound. As the foremost Australian owned supplier of passive fire protection systems, Trafalgar's products have been specified and installed into Australian buildings for over 60 years.



PYRO-SAFE FLAMMOTECT-A ABLATIVE COATING FOR CABLES

Type of test	Description	Result
Parallel panel flame test	Flame exposure test to bunch parallel cables	Pass
Di-electric strength test	Ensures coating does not break down insulation	Pass
Ampacity	Test to ensure derating of cables isn't required	Pass
Saltwater	Prolonged cyclic exposure to a aggressive salt environment	Pass
Aging	Accelerated aging test by cyclic temperature exposure	Pass
Fire exposure	Fire exposure whilst carrying current to assess propagation	Pass

PRODUCT DESCRIPTION

COLOUR / APPEARANCE - White colour to allow ease of identification of fireproof coating.

STORAGE AND HANDLING - 18 months shelf life when stored in sealed container as purchased – store in dry and cool areas if possible.

TESTING - FM Approval, DNV listings and many other recognized tests including IEC test methods.

SAFETY - MSDS available on request.

ENVIRONMENT - Water based and environmentally friendly technology.

ALSO AVAILABLE - PYRO-SAFE cable wrap materials and other Trafalgar industrial fire proofing and fire stopping systems.



SPECIFICATION

Apply PYRO-SAFE product supplied by Trafalgar to all runs of cable as per Trafalgar's detailed installation instructions using approved and specialist applicator nominated by Trafalgar.

Trafalgar reserves the right to change specifications without notice. Please check with your supplier at the time of order.