

# PF Solvent

## POWER INDUSTRY CLEANING SOLUTION



- High performance residue free solvent cleaner and degreaser for cable cleaning prior to jointing and maintenance of cables, switchgear and network equipment
- Residue free cleaning ensures no earth tracking or local hot spots
- Full resin adhesion to joint surfaces eliminates moisture ingress
- Reduced installation faults ensure maximum cable life
- High voltage approved (up to 440kV)
- Classified as combustible – eliminates hazardous transport, storage and logistic issues associated with flammable liquid solvents
- Wipe system reduces solvent consumption and VOC emissions
- Improves Health & Safety; reduces worker exposure to hazardous substances
- Wipe system eliminates liquid spillage, pollution risks and other issues associated with loose liquids
- Wipe system is uniquely designed to prevent solvent loss and evaporation during storage
- Available in liquid and impregnated wipes including single wipe sachets specifically designed for jointing kits
- Designed to IEEE Recommendations



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[www.jointingtech.co.uk](http://www.jointingtech.co.uk)



Designed to IEEE Recommendations

## Applications & Key Properties

- Cable cleaning prior to jointing
- Maintenance of cables, switchgear and network equipment
- Electrical equipment cleaning and degreasing
- Remove oils, soils, tar and bitumen residues
- High voltage approved to 440kV
- High strength, low lint cleaning wipe
- Residue free electrical cleaning solvent
- Low toxicity & odour
- Dielectric solvent up to 39kV
- Classified as combustible
- Cloth approved to AMS 3819C Standard (applies to certain packaging types only)

## Used and Approved by:

ABB | Balfour Beatty | Boston Edison |  
CE Electric | Doble Engineering | Elastimold |  
Electricity Northwest (United Utilities) |  
ESB | Florida Power | General Electric |  
Georgia Power | Nexans | NKT | Pacific Gas & Electric |  
Prysmian (Pirelli) | Scottish Power |  
Scottish & Southern | Südkabel | Tyco |  
UK Power Networks (EDF)

Distributed By:

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## POWER INDUSTRY CLEANING SOLUTION

### Product Description

PF Solvent is a full strength solvent degreaser for cable cleaning prior to jointing, maintenance of cables, switchgear, network equipment and electrical equipment cleaning and degreasing. It is suitable for use on high, medium and low voltage applications and leaves no residue after complete evaporation.

### Health & Safety

PF Solvent was designed to replace traditional fast evaporating solvents such as Trichloroethane. As it is classified as a combustible liquid it eliminates the risk of flash-fires, logistic and storage issues commonly associated with flammable liquids. The wipe system eliminates liquid spillage, the risk of pollution, eye splashes and other issues associated with loose, bulk liquids. PF Solvent is environmentally responsible (no hazardous air pollutant or ozone depleting potential) and worker friendly as it reduces exposure levels to hazardous substances. It does not contain any halogenated solvent components or suspected carcinogens, teratogens or mutagens. PF Solvent is not classified as hazardous goods but as a precautionary measure, personal protective equipment should be used. Safety glasses are recommended where eye contact may occur. Prolonged exposure can cause skin dryness. Use solvent resistant gloves if handling over extended periods.

### Evaporations and VOC Emissions

PF Solvent is a 100% volatile solvent and leaves no residue (guaranteed less than 100ppm nvr). When wiped or blown to a thin film, PF Solvent will evaporate in less than 5 minutes. This controlled evaporation allows a significant reduction in solvent consumption and VOC emissions to the atmosphere.

### Compatibility

PF has passed compatibility testing with most materials found in power networks including cable jackets, insulations, joints, metal, varnish, baked enamel and resins. These tests and many others are available from PT Technologies Europe.

### Instructions

#### General Usage

PF Solvents low surface tension provides excellent wetting action even with difficult plastics.

- 1) Apply a thin film of solvent using liquid or an impregnated wipe
- 2) Allow 1-2 minutes for surface action to dislodge contaminants
- 3) Wipe off with the same impregnated wipe or with a clean, dry low lint cloth (recommended)

#### Cable Cleaning (Jointing Operations)

- 1) Follow cable manufacturer guidelines from cable jacket stripping to semi-conductive shield peeling
- 2) Clean the cable with an impregnated wipe – conductor and insulation – to degrease and remove residue
- 3) Always clean in the same direction from cable outward (conductor) toward cable inward (semi-conductive shield)
- 4) Wipe off with a clean, dry low lint cloth (recommended)

It is not necessary to wait for full evaporation before further working on the system. Solvent residues will not affect the subsequent full cure of epoxy resins in jointing systems.

### Packaging Types

PF Solvent is available as standard in convenient, fit-for-purpose packaging in both liquid and impregnated wipe form:

- 1 litre bottle (12 bottles/case)
- Aerosol (12 cans/case)
- 250 wipe bucket (each)
- 24 wipe flat pack (30 packs/case)
- Single wipe sachet (400/case)
- Dry wipe sachet available to accompany wet wipe sachet (400/case)
- Trigger sprays available to accompany 1 litre bottle (each)

Please contact us to discuss your specific packaging needs. We can offer bespoke dosage, packaging sizes, labeling and branding options to interested parties should the quantities permit.

NOTICE: The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.  
All translations are carried out according to best available standards, however the English version of any written communication is considered as the base version and will be regarded as the reference in case of dispute, arbitration or lawsuits.

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