

# PF-BR

## BITUMEN REMOVER WIPES



- Solvent impregnated extra large wipes specifically designed for powerful and efficient bitumen removal during electrical operations
- Use for cable cleaning prior to jointing and maintenance of cables, switchgear and network equipment
- Removes oils, soils, tar and bitumen residues
- Extra large wipe replaces the requirement for many smaller wipes, reducing time and wastage during cable preparation resulting in significant cost savings
- Easy hold and grip on extra large wipe allows the user to clean the whole diameter of the cable without touching the hot cable
- Suitable for use on static and live cables; low, medium and high voltage applications
- Residue free electrical cleaning ensures no earth tracking or local hot spots
- Bucket wipe system eliminates loose liquids and the hazardous transport, storage & logistic issues associated with flammable liquid solvents
- Reduces solvent consumption and VOC emissions
- Improves Health & Safety in the workplace



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## BITUMEN REMOVER WIPES

### Applications & Key Properties

- Cable cleaning prior to jointing
- Maintenance of cables, switchgear & network equipment
- Electrical equipment cleaning & degreasing
- Removes oils, soils, tar & bitumen
- Suitable for use on static and live cables
- High voltage approved (440kV)
- Dielectric solvent to 39kV
- Extra large high strength, low lint wipe
- Large wipe size reduces quantity of wipes required
- Significant time & cost savings
- Cloth complies with AMS 3819C Standard

### PF Solvent Is Used & Approved By:

ABB | Boston Edison | Doble Engineering  
Electricity Northwest | ESB | Georgia Power  
NKT Cables | Northern Powergrid | Prysmian  
Scottish Power | Scottish & Southern Energy  
Südkabel | UK Power Networks | Western  
Underground

Distributed By:

### Product Description

PF-BR bitumen remover wipes are extra large, heavily saturated wipes specifically designed for the bitumen removal process during electrical operations. The large wipe size reduces the amount of wipes required, resulting in time and cost savings and also allows the user to clean the whole diameter of the cable without making contact with the potentially hot cable. The impregnating liquid in PF-BR wipes, PF Solvent, is widely used and approved within the Power Industry and was designed to IEEE Recommendations.

### Health & Safety

PF Solvent was designed to replace traditionally fast evaporating solvents such as trichloroethane. It is classified as a combustible liquid; no issues with transport, storage or logistics commonly associated with flammable liquids. The bucket wipe system eliminates eye splashes and the risk of pollution, slips or falls by liquid spillage. 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. Solvent resistant gloves are recommended if handling over extended periods.

### Evaporations and VOC Emissions

PF Solvent is a 100% volatile solvent and leaves no residue (guaranteed less than 100ppm). 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 Solvent has passed compatibility testing with materials commonly found in power networks including cable jackets, insulations, joints, metal, varnish, baked enamel and resins. Tests are available from PT Technologies Europe.

### Instructions

#### Bitumen Removal

1. Heat cable to soften bitumen
2. Holding an end of impregnated wipe lengthways in each hand, vigorously move the wipe up and down the cable until all bitumen removed

#### General Maintenance and Cable Cleaning

1. Apply a thin film of solvent using an impregnated wipe
2. Allow 1-2 minutes for surface action to dislodge contaminants
3. 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.

### Packaging Types

PF-BR XL Wipes are available as standard in convenient, fit-for-purpose packaging:

- 150 wipe bucket (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.