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TECHNICAL DATA SHEET



Phosphate Wipes

D3519

Iron Phosphate Pre-treatment Wipes

DESCRIPTION

Phosphate Wipes are a ready to use wet wipe, designed to quickly and effortlessly impart high-performance iron phosphate coatings to ferrous metal components. They combine a high quality, non-linting wipe with a specially designed treatment solution, which dries to form a high-quality phosphate coating.

A single application can significantly increase the corrosion resistance of components and enhance the adhesion of paints and powder coatings. For critical applications where heavier coating weights are required, multiple treatments can be used to build up coating weights up to 0.8g/cm2 – providing enhanced corrosion resistance with up to 500 hours salt spray protection. This allows users to rapidly create a finish traditionally only possible with spray or immersion phosphate treatments.

Phosphate Wipes are typically used where conventional phosphating processes are not available. They provide a quick easy to use alternative to traditional phosphating methods, eliminating the need for expensive multistage spray or immersion treatment processes. They can also be used to compliment traditional treatment processes where they provide a reliable method of repairing damaged coatings or touching up hard to reach areas.

Phosphate Wipes are fully compatible with Orapi Maintenance's extensive range of metal pretreatment and phosphating products. Used alone or in combination with other products they are a valuable addition to all pretreatment workshops

FEATURES & BENEFITS

- High quality ready to use impregnated wipes
- Specially designed phosphating solution
- Provides enhanced corrosion resistance
- Contains low temperature accelerators
- Heavy metal free formulation
- Rapid coating formulation
- Evenly coat large surface areas with a single wipe
- Can impart coating weights of up to 0.8 g/cm³
- Up to 400 hours salt spray resistance
- Designed for use at ambient temperatures
- Safe alternative to products containing molybdenum
- Forms complete coatings in less than five minutes

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CHARACTERISTICS

Appearance:	Impregnated white cloth	**Material:**	Polyester
Wipe Size:	30 x 40cm	**No. Wipes per pack:**	25

STORAGE

Store in original containers away from direct sunlight. Protect from freezing. Re-seal packaging after use to prevent drying out.

DIRECTIONS FOR USE

Phosphate Wipes are supplied ready to use in resealable packs. For best results clean and degrease components prior to phosphating. Ensure components are dry before applying wipe. Warm components should be cooled to room temperature to prevent the phosphating fluid evaporating before an even coating is formed.

Phosphate wipes should be applied directly to components in a slow even wipe. Allow the impregnated phosphating fluid to wet out and evenly coat the substrate. For an even finish ensure all surfaces are evenly coated and avoid pooling. Allow to dry naturally at room temperature – do not force dry. Typical drying times are 3 - 5 minutes depending on ambient temperature.

Where heavier coating weights are required apply multiple layers using fresh wipes to build up the coating weight. Allow to dry before applying subsequent layers.

PRODUCT COMPATIBILITY

Phosphating Wipes have been specially designed for standalone use however they are fully compatible with ORAPI's range of phosphating pretreatment products. If you would like to discuss other treatment options specific to your needs, please contact us for more information.

HEALTH & SAFETY

Refer to separate Material Safety Data Sheet (MSDS) for further information.

PACKAGING

Product Code	Pack Size	Container
D3519-10x25	10 x 25 Wipes	Box

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