

Speciality, Cleaners & Preparations



Tectyl™ 800-D BF

-  Barium-Free Composition
-  Water-Displacing Formulation
-  Light, Transparent, Oily Film
-  Lubricates & Protects
-  Excellent For Storage & Shipment



Description:

Tectyl™ 800-D BF is a Barium-free, water displacing, low viscosity, lubricating corrosion preventive oil that cures to a light, transparent, oily film. It is ideal for the protection and lubrication of small arms, automatic weapons, industrial equipment, tools, pneumatic controls, and light-duty machinery and motors operating in moist, cold conditions. Additionally, it serves as a light gauge wire preservative and tube coating for undercover shipment and indoor storage.

Properties:

Tectyl™ 800-D BF forms a thin lubricating oil film that spreads easily over metal surfaces and penetrates fine clearances. The formulation supports smooth operation of moving parts while providing corrosion resistance under humid and low-temperature conditions.

Advantages:

- ▶ Combined lubrication and corrosion protection
- ▶ Water-displacing performance
- ▶ Low-viscosity for easy penetration
- ▶ Suitable for precision and light-duty components
- ▶ Barium-free formulation

Application areas:



- ▶ Light-duty machinery and electric motors
- ▶ Tools and industrial equipment
- ▶ Pneumatic systems and controls
- ▶ Metal wires, tubes and small components
- ▶ Equipment stored or operated in humid or cold environments

Product	Tectyl 800-D BF
Base Chemistry	Oil
Carrier	Non-solvent
Application Method	Dipping

Colour	Transparent
Indoor Protection (months)	36
Outdoor Protection (months)	24
Packaging	PL 20L, DR 203L



This Application Guide is intended as a general guideline only and is based on our current technical knowledge and experience. The information provided is believed to be accurate; however, it is given without warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose. Actual application conditions, surface preparation, and environmental factors may vary and are beyond our control. Users are responsible for evaluating the suitability of the product and the application method for their specific requirements prior to use.



Advised application for Tectyl 800-D BF is a low-pressure air spray application, dipping or with a line lubricator for pneumatic equipment.

Tectyl™ 800-D BF

Applicator:

- ▶ Low-pressure air spray system
- ▶ A low-pressure air spray gun mounted with a 1 mm nozzle.
- ▶ Pump ratio between: 1:1 till 3:1
- ▶ Pump material: normal carbon steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 1 – 3 bar
- ▶ Recommended air pressure: 2 – 3 bar
- ▶ Material hose diameter: ¼" at 7.5 meters
- ▶ Air hose diameter: ¼" at 7.5 meters
- ▶ Clean equipment after spraying: white spirit



Pump example:

If a pump is required our advice is a Graco low-pressure air spray pump with a ratio of 1:1 till 3:1.

A good example is a Graco Fireball 1:1 or a Eagle 3:1.

Tectyl 800-D BF can be applied using low-pressure application equipment such as low-pressure spray guns, and can also be applied by dipping.

Important:

- ▶ Surfaces should be clean, dry and free from contaminants prior to application.
- ▶ The product leaves a light oily film and is not suitable where a dry or paintable surface is required.
- ▶ Avoid excessive application on precision components to prevent oil accumulation.
- ▶ If required, remove the protective film before further processing such as coating or bonding.

