



All Rights Reserved. © Copyright 2020 DUALCO Inc.

DUALCO • 8404 Braniff, Houston, Texas 77061
713-644-1164 • FAX 713-644-7761
www.dualco-inc.com
E-Mail: dualco@dualco-inc.com



Environmentally
Friendly & Non-Toxic.
Engineered & Made in the U.S.A.

Product Specification Sheet

General Purpose Black w/PTFE Sealant

General Purpose Black with PTFE (GPB-TFE) is a combination lube sealant and emergency leak stop. It is 100% synthetic and contains ultra-fine graphite and extra fine particles of PTFE. This material is suitable for emergency use in leaking plug, ball, and gate valves. GPB-TFE has a temperature range of -29° F to +400° F and is Black in color. This material meets most technical standards of **SAE.AMS – G-6032, NATO Code # G-6032, "Grease, Plug Valve, Gasoline & Oil Resistant"** plus it has ultra-fine graphite and extra fine particles of PTFE added. GPB-TFE is 100% synthetic. It is made of stable, non-reactive materials and is designed for use in valves controlling the flow of natural gas, crude oil, jet fuel, lubricating oils or mixtures of these products. It is water resistant, has excellent "plating out" characteristics, is inhibited for H₂S (<1000 ppm) and CO₂ (<40%) applications and is resistant to organic acids and caustic solutions. It builds up at the leak point and is designed to stop the flow of leaking material. Although it contains an excellent antioxidant, **DO NOT** use this material in oxygen service. For Industrial use only.

Packaging

- DUALCO General Purpose Black with PTFE is available in sticks, cartridges and all sizes of bulk containers.

Physical Properties

- NLGI Consistency Number 3-3.5
- Cone Penetration (ASTM D-217) 250-300
- Color: Black
- Odor: Mild to Neutral
- Service Life: Extended
- Texture: Tacky
- Consistency: N/A
- Dropping Point: ° F (ASTM D-566) None
- Oil Separation: % wt. Loss (ASTM D-1742) 5 max.
- Corrosion Inhibitor: Imidazoline Derivative Additive
- Rust Preventive Test (ASTM D-1743) Passed
- Diester Type (Extreme Pressure Resistant) Additive
- Oxidation Stability: (ASTM D-942) 2 @ 100 hours
- Temperature Range: -28° to 400° F
- Base Oils: Proprietary Synthetics

Features

- 100% Synthetic Oils
- Water Insoluble and Washout Resistant
- High Metal Adhesion
- Excellent Corrosion Resistance
- Resistant to H₂S (< 1000 ppm) and CO₂ (<40%)
- Suitable for use in all hydrocarbon services
- Contains no perfumes, dyes, or heavy metals
- Ultra-Fine, Non-Reactive Graphite Additive for Increased lubricity, and will not build-up in the valve
- Extra-Fine PTFE Particles added to enhance Bridging and leak stopping capabilities
- Non-Toxic, Non-Hazardous – Environmentally Friendly

Application Method

- Grease Gun or Automated Equipment (Air, Air/Hydraulic, Hydraulic or Manual)



Made in the USA

The information and the recommendations made in this data sheet are based upon collected data and believed by us to be correct. However, no guarantee or warranty of any kind, expressed or implied is made herein with respect to the merchandise described; and we assume no responsibility for the results or the use thereof.

ESTD 1960

