

# TECHNICAL DATA SHEET

## TEFLON®

TEFLON®, Polytetrafluoroethylene, or PTFE is utilized in many forms for industrial air pollution control. TEFLON® fibers can be woven or needled into fabrics that will be sewn for filter bags. TEFLON® pellets can be expanded and shaped into ePTFE membranes that can be laminated onto the collection side of conventional fabrics. TEFLON® resins can be made into aqueous dispersions then applied to conventional fabrics by spray or emersion to form a coating on the collection surface of the fabric. TEFLON®-S coatings can be applied to metal parts employed in a baghouse environment, like cages, hangers, and module interior treatments. TEFLON® films or tapes can be adhered to snap bands to prevent chloride attacks.



TEFLON® AND THE DUPONT® LOGOS ARE REGISTERED TRADEMARKS OF THE E.I. DUPONT DE NEMOURS AND COMPANY.

TEFLON® has outstanding properties that allow its successful use within a baghouse environment:

**Nonstick-** very few solids will permanently adhere to a TEFLON® finish. Although tacky materials may show some adhesion, almost all substances will release with normal baghouse cleaning energy.

**Low coefficient of friction-** the coefficient of friction of TEFLON® is generally in the range of 0.05 to 0.20. This makes it's an excellent lubricant for woven fiberglass fabric finishes, as well as an excellent coating for cages to enhance filter bag release.

**Nonwetting-** TEFLON® is both hydro & oleo phobic.

**Heat Resistant-** TEFLON® can operate in continuous service up to 500°F.

**Unique electrical properties-** TEFLON® has high dielectric strength, low dissipation factor, and very high surface resistivity.

**Chemical Resistant-** TEFLON® is normally unaffected by alkali chemicals and moderate acids.

Contact your Midwesco representative to learn more details of this product and others.

**midwesco**  
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