

# APPLICATIONS FOR GASKETING MATERIALS

## EXPANDED P.T.F.E. TADPOLE SEAL

An exclusive product of Darco, this product is top of the line for applications with steam and chemicals. Good for 500°F and full vacuum to 3000 PSI. FDA suitable.

## EXPANDED P.T.F.E. SHEET

For use in heavy chemical and steam applications. Good for acidics, caustics and all steam under 500°F. Used in Chemical Processing, Pulp, Paper and Ultra Pure applications. Excellent die-cutting qualities.

## EXPANDED P.T.F.E. GASKETS

Rated for -450°F to +500°F with full vacuum to 3000 PSI. Excellent for steam and chemical applications in the pulp and paper industry, boiler manufacture and repair, chemical processing, and more. Standard flange gaskets and specialty gaskets.

## P.T.F.E. ENVELOPE GASKETS

Available in several styles and types depending on factors such as type of piping, medium flowing through the pipe, torquing and price. Used where corrosion and contamination must be combated.

## #110 SLIT PTFE ENVELOPE GASKET

For applications generally up to 24" inside diameter. This type of envelope is the least expensive and used in the least critical applications. Used commonly as tank truck valve gaskets.

## #115 SQUARE-CUT PTFE ENVELOPE GASKET

Used to restrict the flow and turbulence in the line. Used in glass-lined pipes, porcelain, iron and steel. Used on standard flanges, Glass pipe gaskets and Adapter gaskets.

## #110 FORM SHIELD PTFE ENVELOPE

Used when a gasket is too large to lathe cut or the gasket is oval, square or rectangle.

## FILLERS FOR PTFE ENVELOPES

A wide variety of filler materials are available.

## TETRABLUE

Gives high compressibility in addition to conformability. Good for chemical and heat resistance for low torque applications. Used especially in glass-lined pipes. Recommended only as a filler material in PTFE Envelopes. Originally developed to replace blue felted asbestos as a filler material.

## DARPAC

Used in applications with a higher torque requirement this non-asbestos compressed material gives the envelope more rigidity.

## CORRUGATED STEELS

Used when a three-layer application is required. Available in stainless and soft iron. These fillers give the gasket the firmness needed.

## SOLID VIRGIN GRADE PTFE SHEET

Good for applications with temperature ranges to 500°F for applications needing resistance to acids, alkalis, caustics, or corrosives.

## SOLID MECHANICAL GRADE PTFE SHEET

Used in applications that are not as critical. Good to 500°F applications needing resistance to mild concentrations of acids, alkalis, caustics or corrosives.

## GRAPHITE LAMINATE SHEET

Good for chemical and steam applications up to 2500°C (in non-oxidizing applications) Excellent for die cutting.

## DARPAC SHEET AND GASKETS

Applications up to 700°F, 1200 PSI.

**Boilers** – Flange Gaskets.

**Pipes** – Flange Gaskets for water, steam, organic acids, alkalis, aromatic, aliphatic hydrocarbons, oil, greases, and refrigerants.

## SQUARE BRAIDED, NON-ASBESTOS PACKING

General purpose packing for up to 500°F. PH range 4–10.