

PENBERTHY

application report

Section 2000
 Application Report 2785
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For: POLYMER LINING

Teflon[®] coating of gages is becoming an increasing requirement in the chemical processing industry.

There is a wide range of application methods and quality of Teflon[®] coatings. The user's service should dictate which type is required.

The following chart outlines the three grades of Teflon[®] coatings for gages available from Penberthy.

Item	PETFE	PECTFE	Grade I High Quality	Grade II Most Common	Grade III Most Economical
Coating Application	Electrostatic Spray			Wet Spray	Wet Spray
Testing	Spark Tested*			Spark Tested*	None
Prime Coat	Tefzel [®]	Halar [®]	TFE	TFE	None
Top Coats	Tefzel [®]	Halar [®]	PFA	PFA	Teflon [®] S
Dry Film Thickness (Minimum)	10, 15 or 25 mils by order	10, 15 or 25 mils by order	10 Mils	10 Mils	1 Mil
Maximum Service Temperature	350°F	350°F	450°F	450°F	300°F
Connection Type	Specially Welded Flange Only				Flanged or Threaded
Material Surfaces for best effects	Steel or Stainless Steel Forgings Wrought Stock				Castings Forgings Wrought Stock

*This is a quality control test; does not guarantee porosity-free coating.

Please contact Penberthy for pricing.

Maximum length that can be coated is 14 feet.

When specifying, state "Coating Is Required For Wetted Parts Only Or For Complete Gage".