

Product Data

Material:	Virgin ePTFE Fluorocarbon
Temperature Range:	-450°F to 600°F (-270°C to 315°C)
Toxicity:	Nontoxic (FDA Title 21, paragraph 177.1550; adhesive, paragraph 175.105)
Flammability:	Nonflammable
pH Range:	0 – 14 (all fluids except free fluorine and molten alkali metals)
Gasket Factors:	m = 1.5; y = 2500 lb/in.
Matrix Tensile Strength:	7,500 psi (520 bar)
Modulus of Elasticity:	50,000 psi (3,450 bar)
Pressure:	3,000 psi (210 bar) and beyond

PALSEAL™ Style 3000

A gasketing material of expanded and oriented virgin PTFE fluorocarbon, nontoxic PALSEAL™ is very white, tough and strong, yet feels soft making it ideal for the entire gasketing spectrum—from heavy duty alloy flanges to plastics and delicate glass joints. This continuous cord gasketing combines physical and chemical properties, making it useful in a wide variety of applications. PALSEAL complies with FDA requirements—FDA Title 21, paragraphs 177.1550 (PTFE) and 175.105 (adhesive)— and will not contaminate flow products.

Typical Applications

- Transmission cases
- Reactor vessels
- Compressor housings
- Drum lids
- Portholes
- Flanges
- Ducts
- Joints
- Tanks
- Columns
- Manways
- Towers
- Glass joints
- Heat exchangers
- Sight glasses
- Domes
- Solar heaters
- Evaporators
- Pump cases
- Digesters

How to Order

Specify: style number, size and number of spools

Size	in	1/8"	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
	mm	3	5	7	10	13	16	19	25
Length* per spool	ft/sp	100	75	50	25	15	15	15	15
	m/sp	30,5	22,9	15,2	7,6	4,6	4,6	4,6	4,6

*Additional lengths available, contact factory.

Distributed by

A Greene, Tweed Company
Denton Industrial Park
25 Engerman Ave., Denton, MD 21629
Phone: +1.410.479.2244, Fax: +1.410.479.0836
E-mail: info@palmettopackings.com
Website: www.palmettopackings.com

Product data is based upon our experience and knowledge of typical applications and should be used to determine approximate service compatibility.

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