



STYLE 154 Braided Packing PTFE Yarn, Dry

CONSTRUCTION

STYLE 154 is a firm, high density interlock braided packing manufactured from pure PTFE filaments pretreated with PTFE dispersion, but contains no other lubricants. The PTFE dispersion provides a low friction surface finish and prevents leakage through the braid.

APPLICATION / SERVICE

STYLE 154 is commonly used in valves and lower shaft speed applications. It is resistant to most chemicals, aggressive fluids, gases and solvents, with the exception of molten alkali metals.

SERVICE LIMITS		
Type	Description	Value
Temperature Limits:	Minimum	-400°F (-200°C)
	Maximum	540°F (280°C)
Pressure Limits:	Rotating	290 psi (20 bar)
	Reciprocating	2150 psi (150 bar)
	Static	3600 psi (250 bar)
Shaft Speed:		984 fpm (5 m/s)
pH:		0-14



**STYLE 154FDA
Braided Packing
Pure PTFE Yarn
FDA Approved**

CONSTRUCTION

STYLE 154FDA is a firm, pliable interlock braided packing manufactured from the purest PTFE filaments. A proprietary food grade lubricant provides faster break-in and reduced shaft wear. Style 2006 FDA complies with the F.D.A. and U.S.D.A. requirements under Title 21 Food and Drugs:

- Part 177.1500 - Perfluorocarbon Resins
- Part 178.3570 - Lubricants with Incidental Food Contact

APPLICATION / SERVICE

STYLE 154FDA resists most caustic media and is commonly used in centrifical and rotary food processing equipment. It is also used in blenders, mixers, cookers, dryers and pumps.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-148°F (-100°C)
	Maximum	530°F (280°C)
Pressure	Rotating	290 psi (20 bar)
	Reciprocating	435 psi (30 bar)
Shaft Speed		2350 fpm (12 m/s)
pH		0-14



STYLE 154S Braided Packing Pure PTFE Yarn, Lubricated

CONSTRUCTION

STYLE 154S is a soft and pliable interlock braided packing manufactured from pure PTFE filaments pretreated with PTFE dispersion, plus a break-in lubricant to reduce the coefficient of friction.

APPLICATION / SERVICE

STYLE 154S is a dimensionally stable packing, yet relatively soft and pliable, which has excellent lubricating and running characteristics. It handles all acids, alkalis, and most chemicals, with the exception of molten alkali metals. It is suited for high speed rotary shaft service and is also commonly used on reciprocating pumps, mixers, agitators, and reactors.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-150°F (-100°C)
	Maximum	540°F (280°C)
Pressure	Rotating	290 psi (20 bar)
	Reciprocating	435 psi (30 bar)
Shaft Speed		2350 fpm (12 m/s)
pH		0-14



STYLE 165 Braided Packing Expanded PTFE with Graphite

Made with
GORE™ GFO® Packing Fiber



PACK IT AND FORGET IT!

STYLE 165 Braided Packing made from 100% GORE™ GFO® Fiber offers proven consistent high performance for a wide range of applications and uses, including shafts on high-speed pumps, mixers and agitators.

Easy to install and remove, the packing never gets hard or brittle. It outlasts virtually any other packing it replaces.

Compared to other PTFE/graphite packing, only those made with GORE™ GFO® fiber, with its 20+ year history of documented trouble-free performance, deliver an unmatched level of assurance and confidence. Look for the Seal of Assurance on every package ... and 100% GFO printed right on the packing.

Key Benefits

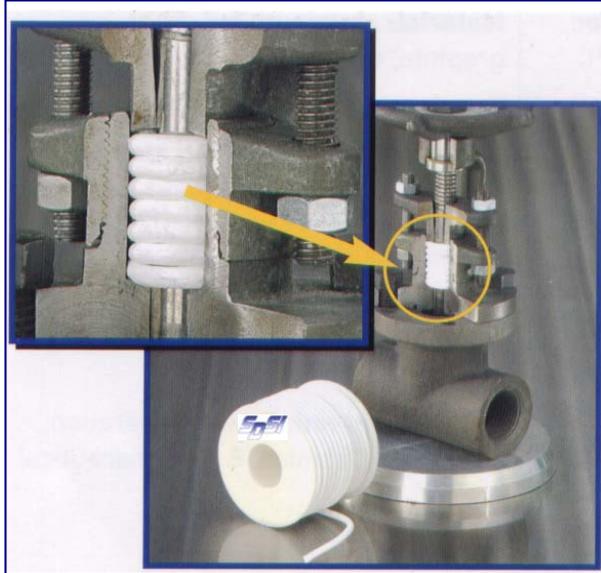
- Long lasting performance
- Minimum shaft wear
- Minimum downtime from repacking pumps or resurfacing shafts
- Saves maintenance time and trouble
- Reduces inventories ... consolidates packing needs
- Confidence that the packing will work every time

Key Features

- 20+ years of proven, documented performance
- Runs cool, even after extended periods of continuous operation
- Never gets hard or brittle, so its easy to install and remove
- Widest range of applications

Technical Data:

Temperature Range*:	-400°F to + 550°F (-240°C to + 288°C)
Chemical Resistance:	Chemically inert, with few exceptions, over the entire 0-14 pH range.
Stability:	Able to withstand shaft speeds to 4,300 feet per minute (21.8 m/s)



24A / Expanded PTFE Valve Stem Packing

CONSTRUCTION

Style 24A valve stem packing utilizes 100% pure expanded PTFE in a unique braid-over-braid-over-core construction with a round cross section. This unique construction produces a firm but conformable packing that handles higher pressures than competitive products.

APPLICATION / SERVICE

Style 24A a very workable packing which conforms easily to worn valve stems and stuffing boxes, yet forms a very high density packing when compressed. It will handle virtually all chemicals in the 0 - 14 pH range and will not contaminate flow media. It is ideal for service in the food processing, beverage and pharmaceutical industries and is also commonly used for pulp and paper and general chemical applications.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-450°F (-268°C)
	Maximum	500°F (315°C)
Pressure	Static	1450 psi (100 bar)
Shaft Speed		200 fpm (1 m/s)
pH		0-14 (except molten alkali metals and elemental fluorine)



SIZE RECOMMENDATIONS		STANDARD PACKAGING	
Valve Size	Packing Diameter	Width	Spool Length
1/8"-1"	1/16", 3/32"	1/16"	50'
1-1/2" - 3"	1/8", 5/32"	3/32"	25 or 50'
3-1/2" - 6"	3/16", 7/32"	1/8"	25'
8" - 12"	1/4", 9/32", 5/16"	5/32"	25'
also available	3/8", 1/2", 5/8"	3/16"	25'
		7/32"	15'
		1/4"	12'
		9/32"	9'
		5/16"	7'
		3/8"	7'
		1/2"	12'
		5/8"	9'



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STYLE 170 Braided Packing Aramid Yarn, PTFE Impregnated

CONSTRUCTION

STYLE 170 is an interlock braided packing using aramid yarn treated with PTFE suspenoid. The packing is also lubricated with a silicon-based compound for quick and easy break-in.

APPLICATION / SERVICE

STYLE 170 is an extremely durable packing able to withstand granular and abrasive applications. It is recommended for service in superheated steam, slurries, petroleum derivatives, solvents and liquified gases. It is commonly used in centrifugal, rotary and reciprocating pumps, agitators and mixers, especially in the paper, steel, petroleum and chemical industries, and in sewage treatment plants.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-150°F (-100°C)
	Maximum	540°F (280°C)
Pressure	Rotating	500 psi (35 bar)
	Reciprocating	2900 psi (200 bar)
	Static	3600 psi (250 bar)
Shaft Speed		2950 fpm (15 m/s)
pH		2-12