



# Braided Mechanical Compression Packing

## Style Options and Product Specifications

### Style 400FL



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Plait Braid
<b>pH Rating:</b>	5 - 9
<b>Shaft Speed Rating:</b>	1000 FPM / 5 MPS
<b>Pressure Rating:</b>	150 PSI / 10 BAR
<b>Temp. Rating:</b>	220° F / 105° C

A braided blend of Flax and Ramie fibers, lubricated with a Tallow and Wax blend. An economical, low friction general service packing, especially resistant to cold water, seawater, and cold oils. Also used in a variety of pulp and paper, marine, and wastewater applications.

### Style 405PF



<b>Service:</b>	Pump
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	1800 FPM / 9 MPS
<b>Pressure Rating:</b>	300 PSI / 20 BAR
<b>Temp. Rating:</b>	500° F / 260° C

100% PTFE filament, thoroughly impregnated with a PTFE suspensoidal blocking agent and lubricating oil to ease friction during start-up and operation. Soft, dense, stable packing ideally suited for chemical process pumps where extreme chemical resistance and low shaft friction are required.

### Style 410AG



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	4 - 10
<b>Shaft Speed Rating:</b>	1000 FPM / 5 MPS
<b>Pressure Rating:</b>	300 PSI / 20 BAR
<b>Temp. Rating (max):</b>	500° F / 260° C to
	(min): -170° F / -112° C

Continuous Acrylic blend braided fiber with high temperature lubricant impregnation. A dense, flexible general service packing, pre and post lubricated with a high purity graphite flake. Used in most steam, salt water, oil, and mild acid or alkali applications.

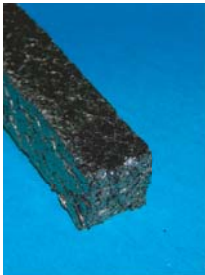
### Style 410AP



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	2 - 12
<b>Shaft Speed Rating:</b>	2200 FPM / 11 MPS
<b>Pressure Rating:</b>	500 PSI / 34 BAR
<b>Temp. Rating:</b>	500° F / 260° C

Continuous Acrylic blend braided fiber impregnated with PTFE and an inert lubricant. Durable and resilient general service packing which is non-staining, non-contaminating, and dissipates heat well. Applications include centrifugal, rotary and reciprocating pumps, as well as valve service.

### Style 420FG



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	4000 FPM / 20 MPS
<b>Pres. Rating (valve):</b>	2500 PSI / 170 BAR
	(pump): 500 PSI / 34 BAR
<b>Temp. Rating (air):</b>	850° F / 455° C
	(steam): 1200° F / 650° C

High purity graphite yarn blend, designed to be virtually leak free (reducing flush water usage). Self-lubricating packing with low friction and excellent heat dissipation. Ideal for use in high temperature pump or valve applications.

### Style 425KV



<b>Service:</b>	Pump
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	2 - 12
<b>Shaft Speed Rating:</b>	2200 FPM / 11 MPS
<b>Pressure Rating:</b>	500 PSI / 34 BAR
<b>Temp. Rating:</b>	500° F / 260° C

Braided from continuous Kevlar® filament impregnated with PTFE and an inert lubricant. Easy to cut and install, with excellent braid retention. Non-staining, non-contaminating packing with excellent heat dissipation properties. The Kevlar® fiber's high tensile strength provides superior performance in slurry service or in any service where the media is highly aggressive.

## Style 430CG



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	4000 FPM / 20 MPS
<b>Pres. Rating (valve):</b>	4350 PSI / 296 BAR
<b>(pump):</b>	500 PSI / 34 BAR
<b>Temp Rating (air):</b>	850° F / 455° C
<b>(steam):</b>	1200° F / 650° C

Blended carbon yarns impregnated with a blocking agent and high purity graphite flakes. Low leakage, self-lubricating packing ideal for use with severely caustic or corrosive media. Suited for most high speed/temperature pump or valve applications.

## Style 450GK



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	2500 FPM / 13 MPS
<b>Pressure Rating:</b>	300 PSI / 20 BAR
<b>Temp. Rating:</b>	550° F / 290° C

Braided from genuine GFO® fiber, a filament yarn made from finely ground particles of high quality graphite encapsulated in a Teflon® matrix to eliminate graphite migration, and Kevlar® corners for superior abrasion resistance. For use in valves, centrifugal pumps, rotary pumps and reciprocating pumps. Ideal for most corrosive and abrasive applications.

## Style 455GS



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	4000 FPM / 20 MPS
<b>Pressure Rating:</b>	300 PSI / 20 BAR
<b>Temp. Rating:</b>	550° F / 290° C

Braided from lubricated PTFE/Graphite filaments which ensure high heat dissipating qualities of graphite and superior chemical resistance of PTFE. Self-lubricating, low friction, economic alternative to most PTFE/Graphite packings, suitable for general service applications. Break-in lubricant provides low shaft wear while maintaining good packing to shaft contact.

## Style 4750G



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	4400 FPM / 22 MPS
<b>Pres. Rating (valve):</b>	1800 PSI / 124 BAR
<b>(pump):</b>	300 PSI / 20 BAR
<b>Temp. Rating:</b>	550° F / 290° C

Braided from genuine GFO® fiber, a filament yarn made from finely ground particles of high quality graphite encapsulated in a Teflon® matrix to eliminate graphite migration. Combines heat dissipation with chemical resistance allowing use in valves, centrifugal pumps, rotary pumps and reciprocating pumps.

## Style 490VS



<b>Service:</b>	Valve
<b>Construction:</b>	Braid over Core
<b>pH Rating:</b>	2 - 13
<b>Shaft Speed Rating:</b>	N/A
<b>Pressure Rating:</b>	3000 PSI / 206 BAR
<b>Temp. Rating:</b>	1200° F / 650° C

Inconel® wire inserted fiberglass over core protected with a graphite blend surface coating. Also contains a corrosion inhibitor to internally protect the valve from oxidation and is an economic substitute for expensive steam packings. Ideal for use as a high temperature/high pressure valve stem or expansion joint packing.

## Style 495SS



<b>Service:</b>	Pump and Valve
<b>Construction:</b>	Interlock Braid
<b>pH Rating:</b>	0 - 14
<b>Shaft Speed Rating:</b>	4800 FPM / 22 MPS
<b>Pres. Rating (valve):</b>	5000 PSI / 340 BAR
<b>(pump):</b>	500 PSI / 34 BAR
<b>Temp. Rating (air):</b>	850° F / 455° C
<b>(steam):</b>	1200° F / 650° C

High purity graphite yarn blend, reinforced with high strength carbon filament. Superior extrusion resistance, extremely low shaft wear and excellent heat dissipation. Typically used for high temperature and pressure applications.

distributed by:



# Braided Mechanical Compression Packing

## Cross-Reference Guide

ASI	ABM	CHEMSTAR	CHESTERTON	CRANE
400FL	921	528	80	863
405PF	344BIL	154S	328/1728	C1050
410AP	3000T	1152	412W/1774	1335
410AG	3000G	1398	1315	1340
420FG	5000	1100TCP	1400	1656G
425KV	300	170	1740	K1730
430CG	4000G	90	370/477-1	1650CF
450GK	8000TK	165-K	1740	C1064
455GS	8200BIL	3165	1760	1070
475OG	8000T	165		
490VS	3030INA	1414	1800	287-1
495SS	5000OCC	1100CR		

ASI	GARLOCK	SLADE	SEPCO	TEADIT	UTEX
400FL	18		2	2138	200
405PF	5889		2235	2006S	231
410AP	8922		2225	2019	237
410AG	8913		402	2255	236
420FG	1300		2001	2000	686
425KV	5200		4800	2004	212
430CG	98/108		4460	2002	226
450GK	6K		4004	2017	214
455GS			8002		244
475OG	5100		4002		210
490VS	127AFP		310		683
495SS		3300G			