

MIL-P-24396A TY B PTFE VALVE PACKING



CONSTRUCTION

MIL-P-24396A TY B 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

MIL-P-24396A TY B 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
	Maximum	500°F
pH:		0-14
Pressure Limits:		3600 psi

PART NUMBER: SDS-24396AB-XXX-Y

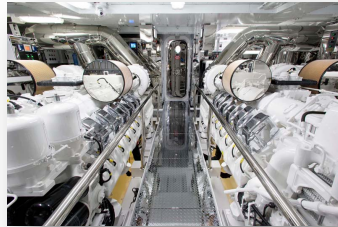
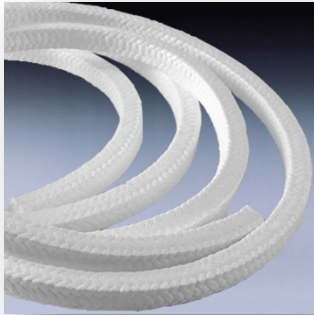
XXX DESIGNATES CROSS SECTION (C.S.)

1/8" - <u>125</u>	1/2" - <u>500</u>
3/16" - <u>187</u>	9/16" - <u>562</u>
1/4" - <u>250</u>	5/8" - <u>625</u>
5/16" - <u>312</u>	3/4" - <u>750</u>
3/8" - <u>375</u>	7/8" - <u>875</u>
7/16" - <u>437</u>	1" - <u>1000</u>

Y DESIGNATES LBS. PER BOX

<u>2</u> - 2 LBS
<u>5</u> - 5 LBS
<u>10</u> - 10 LBS

EXAMPLE: SDS-24396AB-**250**-**5**
1/4" C.S. X **5** LBS



MIL-P-24396A TY A PTFE PACKING



CONSTRUCTION

MIL-P-24396A TY A 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

MIL-P-24396A TY A 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.

SERVICE LIMITS		
Type	Description	Value
Temperature Limits:	Minimum	-400°F
	Maximum	500°F
pH:		0-14
Pressure Limits:		3600 psi
Shaft Speed:		2350 FPM

PART NUMBER: SDS-24396AA-XXX-Y

XXX DESIGNATES CROSS SECTION (C.S.)

1/8" - 125

3/16" - 187

1/4" - 250

5/16" - 312

3/8" - 375

7/16" - 437

1/2" - 500

9/16" - 562

5/8" - 625

3/4" - 750

7/8" - 875

1" - 1000

Y DESIGNATES LBS. PER BOX

2 - 2 LBS

5 - 5 LBS

10 - 10 LBS

EXAMPLE: SDS-24396AB-**250**-**5**

1/4" C.S. X **5** LBS



MIL-P-24583B High Temperature Non-Asbestos Valve Stem Packing



CONSTRUCTION

MIL-P-24583B is a proprietary braid-over-core construction, using a special high temperature, Inconel reinforced fiber and a non-hardening core. The packing is impregnated with a high temperature resistant compound, and coated with fine particles of graphite to act as a surface lubricant. This style is also treated with a sacrificial material to alleviate electrolytic action.

APPLICATION / SERVICE

MIL-P-24583B is a firm, high density, non-asbestos packing. It can handle steam, most chemicals, mild acids, and alkalis. It is excellent for use in steam turbines, high temperature motor-actuated slide valves, and in high pressure/high temperature valving in general.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-
	Maximum	1200°F (650°C)
Pressure	Rotating	-
	Reciprocating	-
	Static	2500 psi (170 bar)
Shaft Speed		2500 fpm
pH		2-12



STYLE 528 FLAX PACKING



CONSTRUCTION

STYLE 528 packing is braided with high quality ramie yarns in a square plait construction. The yarns are heavily impregnated throughout with paraffin and mineral oil.

APPLICATION / SERVICE

STYLE 528 is a well lubricated, medium-hard packing with extremely low frictional characteristics, which assure minimal shaft wear. The ramie yarn is rot and mildew resistant, making the packing ideal for marine use, handling cold water, salt water, and cold oils. In the marine industry, it is commonly used in stern tubes, rudder posts, and tail shaft liners. This style is also used in the pulp and paper, waste/wastewater, steel and mining industries.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-
	Maximum	212°F (100°C)
Pressure	Rotating	217.6 psi (15 bar)
	Reciprocating	217.6 psi (15 bar)
	Static	290 psi (20°C)
Shaft Speed		1200 fpm (6 m/s)
pH		6-8