Teflon Mechanical Packing

AP STYLE 718H





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Style 718H is braided from continuous Teflon filament and provides excellent service in high-pressure valves and pumps. This packing will withstand pressures to 2000 psi in valves and 600 FPM in rotary service pump shaft speed. Because Teflon is chemically inert this packing will provide excellent service in highly corrosive chemical environments.

Style 718H works best as a valve packing and recommended for use with chemicals, acids, and steam applications. Style 718H is available as individual rings, combination sets, and in bulk.

Typical Properties

| Maximum Temperature | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| -400 °F to +500 °F | | | | | | | | |
| Maximum Pressure | | | | | | | | |
| 2,000 psi in valves 300 psi in pumps | | | | | | | | |
| Maximum Shaft Speed | | | | | | | | |
| 600 FPM | | | | | | | | |
| Ph Range | | | | | | | | |
| 0-14 | | | | | | | | |
| Construction | | | | | | | | |
| Lattice Braid | | | | | | | | |

| Standard Sizes | | | | | | | | | | | | |
|----------------|-----|------|-----|------|-----|------|-----|------|-----|-----|-----|-----|
| in. | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 9/16 | 5/8 | 3/4 | 7/8 | 1 |
| ft./lb. | 75 | 36 | 21 | 13 | 8.8 | 6.8 | 5.4 | 4.1 | 3.4 | 2.2 | 1.8 | 1.2 |