

PTFE/Graphite Mechanical Packing

AP STYLE 5718

**CURTISS -
WRIGHT**



AP Style 5718

Style 5718 is the ultimate low friction packing specifically developed for air-operated valves. The unique characteristics of Style 5718 combine to form packing that can handle the constant cycling of control valves. AP Style 5718 is manufactured utilizing expanded PTFE fibers with the durable and resilient core of Style 5000. The amazing qualities of expanded PTFE provide a low friction exterior, which prevents leakage through the braid. It will not wear or score stems and does not contain wire. Style 5718 is designed to be used with Style 5000 or style 6000 composite containment rings.

Style 5718 has undergone rigorous AECL testing in combination with Style 5000 to ensure its suitability for demanding applications. The tests were performed for service conditions typical of Pressurized Water Reactors, Boiling Water Reactors, and CANDU Reactors.

Style 5718 is braided in strict accordance with our QC program to meet the most demanding specifications of the fossil and nuclear industries. Complete traceability along with a complete chemical analysis is available for each lot.

Style 5718 can handle most types of media, such as acids, chemicals, water, steam and oil in high-temperature conditions. This packing effectively seals all types of valves, and is available as individual rings, combination sets, and in bulk.

Typical Properties

Maximum Temperature
615 °F
Maximum Radiation
40 MRADS
Maximum Pressure
3,500 psi
Maximum Shaft Speed
4,000 FPM
pH Range
0 - 14
Construction
Multiple Braid

Standard Sizes

in.	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
ft./lb.	36	21	14	10	7	5.7	4.5	3.5	2.5	1.9	1.5

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