

Graphite Mechanical Packing

AP STYLE 5000

**CURTISS -
WRIGHT**



AP Style 5000

Style 5000 is one of the most versatile, widely used packing materials in the power generating industry today. It is manufactured from high-strength and ultra-high purity filament ribbon. Lubrication and braid blockage are provided by high temperature graphite dispersion and PTFE locked in place by a proprietary coating. An extra dense core provides dimensional stability throughout Style 5000's working temperature and pressure range. Style 5000 works effectively enough that it eliminates the need for wire insertion, which can cause stem damage. It has excellent sealing capabilities and extremely low frictional characteristics. This product can be used either as a standalone packing set or as containment rings in conjunction with approved packing rings.

AP Style 5000 has undergone rigorous testing to ensure its suitability for demanding applications. AECL test reports conclude that Style 5000 meets or exceeds the criteria specified for valve packing products and the chemical composition limits for use in fossil and nuclear power plants.

Style 5000 is braided in strict accordance with our QC program to meet the most demanding specifications of the nuclear industry. Complete traceability along with a complete chemical analysis is available as needed.

Style 5000 can handle most types of media such as acids, caustics, alkalis, steam, and oil in high temperature conditions. This packing effectively seals all types of valves, soot blowers, and most pump applications. Style 5000 is braided at Curtiss-Wright's AP Services facility to exact tolerances and uniform density, and is available as individual rings, combination sets, and in bulk.

Typical Properties

Maximum Temperature
615 °F (Higher service temperatures possible in some applications, contact for details)
Maximum Radiation
70 MRADS
Maximum Pressure
4,500 psi
Maximum Shaft Speed
2,000 FPM
pH Range
0 - 14
Construction

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.	69	36	21	14	10	7	5.7	4.5	3.5	2.5	1.9	1.5

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