

Flexible Graphite Mechanical Packing

AP STYLE 7300/7300HD/7300N/7300N-HD

**CURTISS -
WRIGHT**



AP Style 7300/7300HD

Style 7300 is manufactured from ultra-high purity flexible graphite in a multiple braid construction with a graphite core. The graphite core is utilized to provide reinforcement, low friction, and added tensile strength to resist extrusion in high-pressure applications. Style 7300 is manufactured from all graphite products and contains no PTFE. A passive corrosion inhibitor is added to the packing to prevent damage to expensive valve and pump parts. There is no wire present that could cause pump sleeve or valve stem damage. Style 7300 is resilient, compressible, and thermally conductive. Because the packing is self-lubricating it requires little or no product lubrication, and is compatible with most fluid mediums. Flexible braided graphite packing provides long life, low maintenance, and leak free operation in most all applications.

Style 7300HD is Style 7300 packing, die-formed to a higher density. Style 7300N is a tested version of 7300. Check with AP Services for specific requirements. All variations of Style 7300 are manufactured for use as end rings in combination valve packing sets.

The packing's unique characteristics can withstand acids, caustics, alkalis, steam, and oil in high temperature applications, and effectively seals all types of pumps, valves, and sootblowers. Style 7300 is available as individual rings, combination sets, and in bulk.

Typical Properties

Maximum Temperature
1,200 °F in steam 850 °F in atmosphere
Maximum Pressure
4,000 psi
Maximum Shaft Speed
4,800 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.	72.5	36.7	27.6	16	12.4	10	7.6	6.1	5	3.4	2.8	2.2

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