

Graphite Mechanical Packing

AP STYLE 524

**CURTISS -
WRIGHT**



AP Style 524

Style 524 is made from 100% pure graphite filament yarn in a multiple braid construction. A proprietary process enhances the product, adding a passive corrosion inhibitor. This special high-quality graphite yarn is excellent for nuclear applications where low sulfur and improved oxidation resistance is desired. Reduced levels of alkali metal oxidation catalysts contribute to improved oxidation resistance.

Style 524 is manufactured in strict accordance with our QC program to meet the most demanding specifications of the nuclear industry. Complete traceability along with chemical analysis is available for each lot. This product meets or exceeds GE spec. D50YP12 and NEDC31735P.

Style 524 yarn end rings are intended for use as containment rings for all AP Style 6300 flexible graphite rings. Style 524 is braided at Curtiss-Wright's AP Services facility to exact tolerances and uniform density, and is available as individual rings, combination 524/6300J packing sets, and in bulk.

Typical Properties

Maximum Temperature
1,000 °F
Maximum Pressure
5,000 psi
Carbon %
99.9%
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.	120	77	40	26.6	18	13.5	10.8	8.9	7.1	4.7	3.8	3.0

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