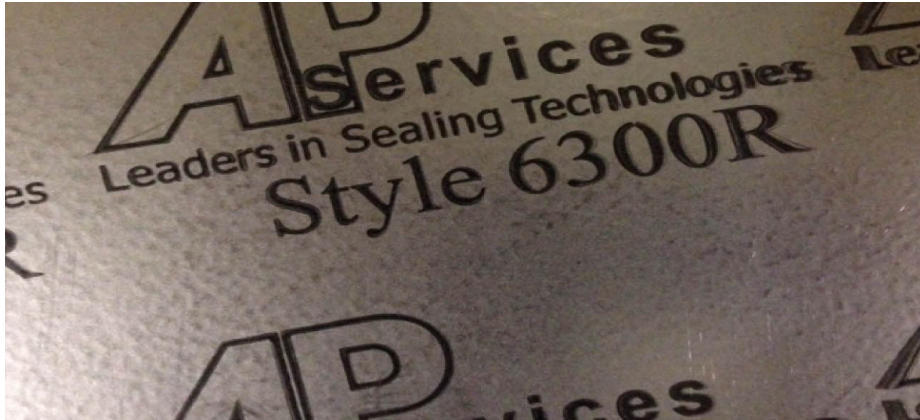


Graphite Gasket Products

AP STYLE 6300R

**CURTISS -
WRIGHT**



AP Style 6300R

Style 6300R is a graphite sheet manufactured from 97% pure graphite flakes with a .002" thick stainless steel sheet laminated between the flexible graphite layers. The result is a mechanically stronger sheet with better handling characteristics, processed without resins, binders, or other additives that would limit corrosion resistance and high-temperature applications. Style 6300R is permanently resilient, non-hardening, naturally lubricious, and has an infinite shelf life. Flexible graphite has the seal of approval by companies handling corrosive, volatile, or flammable media.

Style 6300R is an ideal sealing material for high-temperature applications. It is also resistant to attack by most molten metals, corrosive chemicals, and caustics. Style 6300R is still an easy material to fabricate even with the Stainless Steel laminate.

Style 6300R is available in sheets and pre-cut gaskets

Typical Properties

Temperature Range
-400 °F to +850 °F oxidizing atmospheres -400 °F to +5,400 °F non-oxidizing atmospheres
Pressure
2,000 psi maximum
Tensile
650 psi minimum
Density: 70 lbs./cu. ft.
F-36 Compressibility: 40–50% F-37 Fuel A Sealability: .017 ml/hr F-38 Creep Relaxation: < 5% F-38 Recovery: 10–15%
Leachable Chlorides
< 50 ppm
Thickness
1/32", 1/16", 1/8"
Sheet Sizes
40" x 40", 60" x 60"

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