

# Graphite Gasket Products

AP STYLE 6500

**CURTISS -  
WRIGHT**



## AP Style 6500

Style 6500 Hochdruck is a multilayer high strength sheet material using .020" thick layers of high quality graphite foil and .002" thick 316 stainless steel foil. Depending on the sheet thickness required, several layers of graphite and stainless steel foil are joined together using a unique binding process. These layers are fused together without the use of glues or adhesives that can burn out or delaminate at elevated temperatures. This material has a very high compressive strength, high bursting safety and high rigidity.

Style 6500 has outstanding durability and excellent sealing capabilities in high temperature and pressure applications. It can easily be fabricated with normal gasket cutting tools.

Style 6500 is available in sheets and pre-cut gaskets.

## Typical Properties

<b>Temperature Range</b>
-400 °F to +850 °F oxidizing atmospheres
<b>Pressure</b>
2,000 psi maximum
<b>Density: 70 lbs./cu. ft.</b>
F-36 Compressibility: 30–40% F-38 Creep Relaxation: < 10% F-38 Recovery: 15–20%
<b>Typical Chemical Analysis</b>
Total Halogens as CL (ppm): < 20 Total Sulfur (ppm): 25 Heavy Metals (ppm): < 30
<b>Thickness</b>
1/32", 1/16", 1/8" (other thickness available upon request)
<b>Number of Stainless Layers</b>
1/32" thick contains 1 SS layer 1/16" thick contains 2 SS layers 1/8" thick contains 5 SS Layers
<b>Sheet Sizes</b>
40" x 40", 60" x 60"

## CONTACT INFORMATION:

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