

GrafTech GRAFIHX[®] RXS Series Flexible Graphite Heat Transfer Plates

Category : Carbon , Graphite

Material Notes:

GRAFIHX[®] RXS Series are heat transfer plates for radiant heating applications made from high thermal conductivity flexible graphite. They are available in rolls and sheets as a replacement for traditional aluminum plates. They can be laminated with plastics, adhesives, or metal foils optimized for a specific application. Their features: 50% higher thermal conductivity and 30% lighter weight than traditional aluminum plates; conformable - easily stapled; cuts easily with scissors; and safe - no hard/sharp edges. Their benefits: energy efficient - enables reduced water temperatures for a given room temperature; enables low temperature heat sources such as solar thermal, geothermal, and condensing boilers; and easy installation - reduced labor costs and installation times. RXS Series are used in staple-up applications; panel applications are in development.

Order this product through the following link:

http://www.lookpolymers.com/polymer_GrafTech-GRAFIHX-RXS-Series-Flexible-Graphite-Heat-Transfer-Plates.php

Physical Properties	Metric	English	Comments
Bulk Density	1.12 g/cc	0.0405 lb/in ³	Standard
Thickness	500 microns	19.7 mil	Standard

Thermal Properties	Metric	English	Comments
Thermal Conductivity	300 W/m-K	2080 BTU-in/hr-ft ² - °F	

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