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GRAPHITE SHEETS

3R887

Description

This flexible graphite sheet is made from exfoliated graphite flakes which is compressed into a foil by a carefully controlled calendering process. In this process, the expanded flake particles are mechanically locked together without the use of fibers, binders or other additives. Sheets of foil are then adhesively bonded and laminated to the required thickness.



Applications

The 3R 887 flexible graphite sheet has pressure-temperature sealing capabilities that are far superior to all asbestos and non-asbestos reinforced sheet products. It is resistant to chemical attacks by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids.

Gaskets cut from this sheet seal low to moderate bolt loads and because of its very low creep relaxation, re-torquing is rarely required. Flexible graphite readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.