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Flexible Graphite

Flexible graphite made from material typically 98% graphite. Leachable chloride typically less than 50 ppm. Sulfur content: 1200 ppm. Compressibility: 45% Recovery: 20%. Creep relaxation: 5%. Density: 62.4 lbs/ft. Tensile strength: 700 PSI. Temperature range (oxidizing atmosphere): -400 °F to 750 °F. PH Range 0 - 14

316 S.S. Foil Inserted Flexible Graphite

Flexible graphite sheet reinforced with a 316 stainless steel foil (0.002" thick) made from material typically 98% graphite. Leachable chloride typically less than 50 ppm. Sulfur content: 1200 ppm. Compressibility: 35%. Recovery: 18%. Creep relaxation: 12%. Density: 62.4 lbs/ft. Tensile strength: 5000 PSI. Temperature range (oxidizing atmosphere): -400 °F to 750 °F.

316 S.S. Foil Inserted Flexible Graphite

Flexible graphite sheet laminate with tang 316 stainless steel insert (0.005" thick) made from material typically 98% graphite. Leachable chloride typically less than 50 ppm. Sulfur content: 1200 ppm. Compressibility: 35%. Recovery: 18%. Creep relaxation: 10%. Density: 62.4 lbs/ft. Tensile strength: 5000 PSI. Temperature range (oxidizing atmosphere): -400 °F to 750 °F

Flexible Graphite - Seals like no other sealing material. Flexible graphite will handle higher temperatures than any elastomeric or non-asbestos gasketing and handle a pH range from 0-14.

Developed originally by Union Carbide under the brand name "Grafoil". Flexible graphite solves industries difficult sealing applications.

