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DURLON® HT1000

DURLON®

Made from phlogopite mica paper, Durlon HT1000 is impregnated with less binder than other, which gives it superior performances to high temperatures (up to 1000°C). It is also available with 0.002" thick stainless steel carrier (S316) and 0.004" perforated stainless steel carrier (T316).



APPLICATIONS

- Heat exchangers
- Exhaust manifolds
- Refinery
- Power generation
- Chemical industries

SPECIFICATIONS

Technical Data

Color	Metallic Green-Gold
Temperature	-55°C to 1000°C (-67°F to 1832°F)
Pressure	S90: 73psi. S316/T316: 580psi
Density	119 lb/ft³ (1.9 g/cm³)
Compressibility (ASTM F36A)	18-25%
Recovery (ATM F36 J)	39-43%
Tensile strength (ISO 178)	2900psi
Weight loss @ 800°C (DIN 52911)	5%
Thermal conductivity (DIN 52612), W/(m.K)	@200°C: 0.20, @400°C: 0.35. @600°C: 0.60
Dielectric strength (IEC 60243)	508 V/mil

Technical Data

Creep strength (DIN 52913)

5800psi

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.