

LeaderTHERM NXT 1000

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DESCRIPTION

LeaderTHERM NXT 1000 is a filler for spiral wound gaskets for critical HIGH temperature services. The gasket consists of specially treated phlogopite mica in combination with a profiled metal winding. The gasket can be supplied with/or without inner and/or outer ring. To suit specific applications, it is possible to select the metal winding and inner/outer rings

APPLICATION

High temperature ; Exhaust manifolds and systems, gas turbines, gas and oil burners, heat exchangers,

CHEMICAL COMPATIBILITY

Broad chemical resistance.

DELIVERY OPTIONS

In all spiral configurations style S, SI, SR and SRI

APPROVALS & CERTIFICATES

- BAM

SEALING CHARACTERISTICS

TECHNICAL DATA

max Pressure [bar]	300
density [g/cm ³]	1.2
Minimum initial stress [DIN E 2505 part 2] [N/mm ²]	70
Maximum initial stress [DIN E 2505 part 2] [N/mm ²]	300
M-Value	3
Y- Value [psi]	10000
Gasket required flange roughness [Ra micron]	125-250
Gasket required flange roughness [RMS]	125-250
max Seating stress [Q _{smax} bei RT EN13555] [n/mm ²]	300

LOCATIONS

850 Sense Road LA PORTE, TX 77571, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

Pšurnovická cesta 1026, 01401 BYTCA, Republic of Slovakia EUROPE HEADQUARTERS

PHONE

+1 281 542 0600

+1 225 275 8000

+421 41 553 2686

FAX

+1 281 542 5552

+1 225 273 9073

+421 41 553 2895