

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/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,

temperature

CHEMICAL COMPATIBILITY

Broad chemical resistance.

DELIVERY OPTIONS

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

TEMPERATURE

APPROVALS & CERTIFICATES

- BAM

SEALING CHARACTERISTICS

- good leak rate; even at high

TECHNICAL DATA

max Temperature [°C]	1000
min Temperature [°C]	N/A
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]	3,2-6,3
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

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