



## LeaderTHERM NXT 1000

### LeaderTHERM NXT

#### 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/cm3]	1.2
Minimum initial stress [DIN E 2505 part 2] [N/mm2]	70
Maximum initial stress [DIN E 2505 part 2] [N/mm2]	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 [Qsmax bei RT EN13555] [n/mm2]	300

#### LOCATIONS

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

#### PHONE

+1 281 542 0600

#### FAX

+1 281 542 5552

Disclaimer: The composition of the contents of this information carrier has exercised the utmost care. The possibility exists that certain information in changes over time, no longer is incorrect or incomplete. Leader Gasket Technologies does not guarantee the actuality, correctness and completeness of the information provided, it is not intended to advice. Leader Gasket Technologies is in no way liable for damages resulting from use of the information provided.