

SEALING CHARACTERISTICS

# 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 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

#### APPLICATION

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	PHONE	FAX
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