



LeaderTHERM NXT 1010

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DESCRIPTION

LeaderTHERM NXT 1010 consists of specially treated phlogopite mica structured layer material in combination with a grooved LeaderKAM Kammprofile carrier ring. The gasket can be supplied with or without outer ring. To suit specific applications it is possible to select special materials.

APPLICATION

High temperature ; Exhaust manifolds and systems, gas

turbines, gas and oil burners, heat exchangers,

CHEMICAL COMPATIBILITY

Broad chemical resistance.

DELIVERY OPTIONS

In all Kamprofile configurations KV, KV9 and KV9L

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]	25
Maximum initial stress [DIN E 2505 part 2] [N/mm ²]	500
M-Value	3.5
Y- Value [psi]	3000
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250
max Seating stress [Qsmax bei RT EN13555] [n/mm ²]	500

LOCATIONS

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

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