

SEALING CHARACTERISTICS

# LeaderTHERM NXT 1020

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#### DESCRIPTION

High Temperature gasket sheet material made of Modified Phlogopite with acid proof metal foil insert made of chrome nickel steel

#### APPLICATION

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

#### CHEMICAL COMPATIBILITY

## Broad chemical resistance.

#### **DELIVERY OPTIONS**

In Sheet (1200x1000mm) thickness 1 / 1,5 / 2 / 3mm. Also ready made gasket or parts in all shapes cutted from sheet gaskets can be manufactured according to customer drawings, or by given sizes or Edrawing.

### APPROVALS & CERTIFICATES

• BAM

TECHNICAL DATA		
max Pressure [bar]	40	
density [g/cm3]	1.2	
Minimum initial stress [DIN E 2505 part 2] [N/mm2]	25	
Maximum initial stress [DIN E 2505 part 2] [N/mm2]	150	
M-Value	2.5	
Y- Value [psi]	4500	
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/mm2]	150	

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