

# INDUSEAL Gaskets

## PRODUCT REFERENCE

**INDUSEAL RGS - N**

## DESCRIPTION

A high-quality gasket material made of flexible graphite reinforced with a nickel foil, with branding: INDUSEAL RGS - N

## SERVICE

Applications especially in steam service and many other media. The high temperature resistance renders it especially suitable for high temperature service and for thermal and mechanical loading. The nickel foil endows this gasket material with a very high degree of stability.

Maximum Temperature: -200°C to 400 °C  
Maximum Pressure: up to 70 bar

Note: For applications sealing inert or reducing media with RGS – N, temperatures above 400°C are possible. These temperature and pressure guides cannot necessarily be used simultaneously and refer to 2 mm thickness.

## REINFORCEMENT

0,013 mm nickel foil, material: 2.4066

## TYPICAL PHYSICAL PROPERTIES

Graphite Content:		> 98 %
Density:		1,0 g/cm <sup>3</sup>
Compressibility:	ASTM F 36 A	30 – 40 %
Recovery:	ASTM F 36 A	12 - 15 %
Stress Retention:	DIN 52913 /300°C	> 45 N/mm <sup>2</sup>
Chloride Content:		< 50 ppm
Sulphur Content:		< 1000 ppm
Gas Permeability:	DIN 3535 Part 6	< 1,0 cm <sup>3</sup> /min

## AVAILABILITY

Sheet size:	1000 x 1000 mm	1500 x 1500 mm
Thickness:	from 0,5 to 3,0 mm	from 1,0 to 3,0 mm

## INSTALLATION

Before installation remove the old gasket and clean the flange properly. Do not use gasket paste, spray or grease this can affect gasket performance. For more information about installation of INDUSEAL RGS – N please contact our technical department.