

KN Rubber-steel gasket 9107/KN

Features

The KN rubber-steel gasket 9107/KN consists of a metal support ring and a specially-molded, replaceable elastomer ring which is located in the force shunt after fitting. The support ring also acts as a centering ring and force limiter. It thus both absorbs the bolt forces needed for high pressures and protects the rubber seal against overcompression.

Key physical characteristics

Sealing characteristics (N/mm²)

σ_{vu}	2
σ_{vo}	10
m	1,3

load values (σ)

Elastomer Gaskets: The surface load with the flange in locked position is:

σ_{max} at room temperature	ca. 10 N/mm ²
σ_{max} at 100°C	ca. 6 N/mm ²

m- und y-Factors

Thickness	m	y (PSI), y (Mpa)
	1,4	1.305, 9

All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.