



Gatrix® Rubber-Steel gaskets, also known as rubber gaskets with steel inserts, have established a strong presence across a broad spectrum of sealing applications. These gaskets are particularly well-suited for scenarios that demand highly reliable sealing performance with minimal leakage, even under low bolt loads and moderate temperature conditions.

The steel core provides structural integrity and dimensional stability, while the elastomeric outer layer ensures excellent adaptability to flange surfaces, enhancing sealing efficiency.

This combination makes rubber-steel gaskets an ideal choice for fluid and gas sealing in pipelines, equipment, and flanged connections where leak prevention and installation flexibility are critical.

SPECIFICATIONS OF RUBBER-STEEL GASKETS:

Rubber Material	EPDM
Field of Application	Drinking water Waste water Process water, on consultation
Color	Black
Temperature	from -40°C to +110°C, short-term up to + 130°C
Applications	Applications of EPDM vulcanized materials mainly result from the good resistance to chemicals. Furthermore, the EPDM quality has a good resistance against ozone and aging.

Other materials like NBR, Neoprene and FKM Viton are available on request.

PHYSICAL PROPERTIES	TEST METHOD	EPDM
Specific Gravity	-	1.6 ± 0.05
Hardness	ASTM D-412	70 ±5
Tensile Strength	ASTM D-412	8 Mpa
Elongation At Break	ASTM D-412	350 % min.
Tear Resistance	ASTM D-624	7 Mpa Min.
Temperature Range	-	-40°C to +130°C

All Pressure / Temperature values are based on gasket thickness.

