

# HAW-H94

TM-HAW-H94e-09/12

## Technical Data Sheet

### Description

HAW-H94 is a graphite filled hard rubber material based on isoprene/styrene-butadiene rubber (IR/SBR) that may also be applied on site and vulcanized using hot water or steam. The layer thickness of the rubber sheet may range between 3 and 6 mm.

### Main Application

The lining of flue gas scrubbers in waste incineration plants, storage tanks and reaction vessels which are operated at high temperatures.

### Range of Application

HAW-H94 is used as a protective lining for structural components made of steel that are subjected to chemical exposure.

#### resistant:

alkaline and acid fluids with the exceptions of oxidizing fluids

### Physical load

It is not permitted to exceed the temperature change speeds by more than 2 K/min.

### Physical Data

Material Properties	Unit	Value	Technical Standard
Hardness (autoclave)	Shore D	78 ± 5	DIN 53505
Hardness (hot water/steam)	Shore D	> 65	DIN 53505
Specific weight	g/cm <sup>3</sup>	1,27 ± 0,02	DIN EN ISO 1183-1
Tensile strength <sup>*)</sup>	MPa	≥ 30	DIN 53504
Elongation at break <sup>*)</sup>	%	> 2	DIN 53504
Adhesive strength	MPa	≥ 6	DIN EN ISO 4624
max. service temperature	°C	100	-
Testing Voltage	kV/mm	3	-

<sup>\*)</sup> The values were determined at 4 mm thick rubber samples.

The technical data contained herein represents the current state of our product knowledge and is intended to furnish general information regarding our products and their application spectrum. In view of the diversity and multitude of application possibilities, this data should be regarded solely as general information, which does not guarantee any specific properties and/or suitability of these products for each concrete case of application. Consequently, when ordering a product, please contact us for detailed information relative to the properties required for a specific application. Our technical service will, upon request, furnish a profile of characteristics for the concrete application without delay.