HAW-H22R

TM-HAW-H22Re-09/12

Technical Data Sheet

Description

HAW-H22R is a graphite filled hard rubber material based on HAW-22 (IR) which can be applied and vulcanized under pressure on site. The layer thickness of the rubber sheet may range between 3 and 6 mm.
A particularly feature is its high diffusion resistance.

Main Application

The lining of flue gas scrubbers in refuse incineration plants, storage tanks and reaction vessels which are operated at temperatures up to 125°C.

Range of Application

HAW-H22R 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 exception 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	Shore D	78 ± 5 On site > 65°D	DIN 53505
Specific weight	g/cm³	1,40 ± 0,02	DIN EN ISO 1183-1
Tensile strength*)	MPa	≥ 20	DIN 53504
Elongation at break*)	%	> 1	DIN 53504
Adhesive strength	MPa	≥ 6	DIN EN ISO 4624
max. service temperature	°C	125	-
Testing Voltage	HAW-H22R cannot be spark tested		

*) The values were determined at 4 mm thick rubber samples.

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