

HAW-W31

TM-HAW-W31e-09/12

Technical Data Sheet

Description

HAW-W31 is a soft rubber filled with carbon black.

The layer thickness of the rubber sheet may range between 3 and 6 mm.

Main Application

Abrasion protection for equipment with is in contact with chlorine in thermal range -45°C up to +100°C.

Range of Application

HAW-W31 is used as a protective lining for structural components made of steel that are subjected to chemical exposure and is distinguished by the properties as follows:

resistant:

alkaline and acidic at medium concentrations

limited resistant:

polar solvents

not resistant:

oxidizing agents
aromatics oils and solvents

Physical Data

Material Properties	Unit	Value	Technical Standard
Hardness ^{*)}	Shore A	60 ± 5	DIN 53505
Specific weight	g/cm ³	1,11 ± 0,02	DIN EN ISO 1183-1
Tensile strength ^{**)}	MPa	≥ 15	DIN 53504
Elongation at break ^{**)}	%	> 300	DIN 53504
Rubber-metal-adhesion peeling test	N/mm	≥ 3	DIN EN 14879-4 ASTM D 429
Max. service temperature	°C	100	-
Testing Voltage	kV/mm	5	-

*) Samples were vulcanized for 4 hours by a temperature of 115°C.

**) 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 concretely 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 concretely application without delay.