

# HAW-W12

TM-HAW-W12e-09/12

## Technical Data Sheet

### Description

HAW-W12 is a soft rubber based on chlorosulfonated polyethylene (CSM), that is vulcanized in an autoclave.

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

### Main Application

The lining of process, storage- and transportation tanks, which are exposed to oxidizing stress and operated at temperatures up to 80°C (e.g. sodium hypochlorite or hydrochloric acid, sodium hydroxide solution, chlorine bleaching solution etc.).

Especially the lining of transportation tanks for varying freights, too.

### Range of Application

HAW-W12 is used as a protective lining for structural components made of steel that are subjected to exposure acids and another oxidizing, aqueous media.

#### resistant:

alkaline and acidic media

oxidizing acids (with exceptions)

#### limited resistant:

organic acids (with exceptions)

solvents and greases

### Physical Data

Material Properties	Unit	Value	Technical Standard
Hardness	Shore A	75 ± 5	DIN 53505
Specific weight	g/cm <sup>3</sup>	1,21 ± 0,02	DIN EN ISO 1183-1
Tensile strength <sup>*)</sup>	MPa	≥ 4	DIN 53504
Elongation at break <sup>*)</sup>	%	> 200	DIN 53504
Rubber-metal-adhesion peeling test	N/mm	≥ 3	DIN EN 14879-4
Max. service temperature	°C	80	-
Testing Voltage	kV/mm	5	-

<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 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.