

# HAW-W06CB

TM-HAW-W06CBe-01/12

## Technical Data Sheet

### Description

HAW-W06CB is a pre-vulcanized double-layer soft rubber based on bromobutyle (BIIR), filled with carbon black. The lining can be applied in the workshop or on site.

The layer thickness of the rubber sheet is 4 mm (0.8 adhesive-layer, 3.2 mm protection-layer)

### Main Application

The lining of flue gas scrubbers for power plants and waste incineration, phosphoric acid plants, storage tanks, reaction vessels and pipes up to 70°C

### Range of Application

HAW-W06CB is used as a protective lining for structural components made of steel that are subjected to chemical exposure and is distinguished by

- a good chemical resistance
- a good diffusion resistance

#### resistant:

- + alkaline and acids
- + oxidizing agents at lower and medium concentrations
- + polar solvents

#### not resistant:

- + aromatics and greases

### Physical Data

Material Properties	Unit	Value	Technical Standard
<b>Hardness</b>	Shore A	70 ± 5 (vulc.)	DIN 53505
<b>Specific weight</b>	g/cm <sup>3</sup>	1,23 ± 0,02	DIN EN ISO 1183
<b>Tensile strength<sup>*)</sup></b>	MPa	≥ 4	DIN 53504
<b>Elongation at break<sup>*)</sup></b>	%	> 200	DIN 53504
<b>Rubber-metal-adhesion peeling test</b>	N/mm	≥ 3	DIN EN 14879-4
<b>Max. service temperature</b>	°C	70	-
<b>Testing Voltage</b>	kV/mm	3	-

\*) 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.

### HAW Linings GmbH

Werkstraße 30 – 33, D-31167 Bockenem

Phone: +49 (0) 5067 990 0 / Fax.: +49 (0) 5067 990 2772 / [www.haw-linings.com](http://www.haw-linings.com)