

Hydro is a closed-cell polyethylene foam, which can be used in many fields, e.g. as a preformed part, on account of its elastic water-repellent characteristics.

In the packaging field or as self-adhesive protection during transport (Pads), Hydro protects sensitive parts against impact and vibrations.

Due to its special characteristics, Hydro can be supplied in a self-adhesive version.

Technical data:

		Hydro 30 kg	Hydro 50 kg	
Density		30 ± 3 kg / m ³	50 ± 5 kg / m ³	ac. to ISO 845
Compression strength	at 10 % compression	18.49 kPa	27.09 kPa	ac. to ISO 844/78
	at 25 % compression	36.54 kPa	48.44 kPa	
	at 50 % compression	91.94 kPa	108.32 kPa	
Compression set	after 30 min	12.33 %	8.13 %	ac. to ISO 1856/80-B
	25%, 22 h compression after 24 h	7.7 %	8.47 %	
Water absorption after 28 days		0.0195 kg / m ³		ac. to UNE-EN-1609:97
Temperature resistance		80 °C max.	80 °C max.	internal

Hydro in the density 30 kg / m³ and in a thickness of 25 mm, self-adhesive on one side and adhering to metallic surfaces, corresponds to Building Material Class B2 according to DIN 4102.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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