

General Handling and Storage Recommendations for Products from the Deventer Group

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Deventer Profile GmbH and its affiliated companies Deventer Profielen, The Netherlands, and Deventer Sp.z o.o., Poland, (together or individually "Deventer") are a leading company in the development and production of seals and sealing profiles for windows and doors (together or individually "sealing profiles").

This document provides General Handling and Storage Recommendations ("General Handling Recommendation") for sealing profiles manufactured by Deventer.

Together with the product specific information, including, but not limited to, the product data sheets, installation manuals and safety instructions, these General Handling Recommendations intend to provide information to customers on the proper use, installation, transportation, and storage of Deventer sealing profiles in order to maintain their functionality, durability, and aesthetic quality.

IMPORTANT NOTE: These General Handling Recommendations do not release customers from checking the product specific information available under www.deventer-seals.com or provided by Deventer otherwise and to comply with any information and instructions. Any product specific information shall prevail over these General Handling Recommendations.

Product Characteristics

Products from the Deventer, primarily sealing profiles, are made of specialized materials including:

- Deventer Purene S (symbols "S", "SP", "SV")
- Deventer Elastik (symbols "M", "MV")
- Deventer Silicone (symbol "DS")

Operating temperature ranges vary depending on the material and must be observed when using, in particular when handling the sealing profiles.

Product features, including technical features, and further product specific information is provided under www.deventer-seals.com.

Handling and installation of sealing profiles

Handling

Sealing profiles must only be used according to the information provided by Deventer. Using sealing profiles outside the scope recommended by Deventer releases Deventer from any liability. It is the responsibility of the customer to select the correct profile. Profile selection should in particular be based on the construction type (rebated (with a step in the frame) or flush (level with the frame surface)).

Installation

Installation must be performed in specially designed mounting grooves in the frame or sash.

General recommendation for installation:

- Apply profiles after painting the windows or doors.
- Use manufacturer-recommended installation tools.
- Corners must be cut using proper tools (e.g., DSV 1521 Lowe shears). Ensure blades are sharp and cutting plates are intact.
- Corner joints must be gap-free.

- For butt joints, avoid full depth cuts.
 - For welded corners, remove welding residue.
- Seals must be joined tightly, with profile joints placed on the upper rail of the sash whenever possible.
- Do not stretch the profile during installation.
- Do not paint over the seals.

Additional assembly and installation instructions are available under [Information material - DEVENTER Profile GmbH](#)

Packaging, Storage, and Transport

Packaging

Sealing profiles are generally packed in cardboard boxes, either coiled on cardboard reels, loose coils, or layered with separators.

Storage

The storage conditions shall be in accordance with DIN EN ISO 8331. In particular, but not limited to, the following conditions shall be complied with:

1. Temperature
 - Optimal storage temperature between 15°C to 25°C constantly to be observed
 - Do not store below -10°C or above 40°C because these temperatures can impact the material of the sealing profiles as ingredients may diffuse or materials may stiffen
 - Keep away from heat sources
2. Humidity
 - Maximum humidity must not exceed 50%
 - Condensation shall be avoided
3. UV and light protection
 - Sealing profiles shall not be exposed to direct sunlight
 - Use UV-protected packaging or rooms
4. Ozone and air quality
 - No ozone sources nearby
 - Storage location shall be dust-free and moderately ventilated
5. Packaging & mechanical stress
 - Original packaging preferred
 - No crushing, deformation, or rolling up
6. FIFO principle (First In – First Out)
 - FIFO principle shall be applied. Use older batches first to minimize storage time
 - Conduct regular visual inspection
7. Secure the traceability of the sealing profiles in the storage space.
8. Storage must prevent damage to the outer packaging and to the sealing profiles
 - Do not stack a higher number of packages. In particular, the maximum stacking recommendations as listed in the table attached as **Annex 1** shall be observed.

Transport

Transport must be carried out only in covered railway or road vehicles to protect against damage.

Maintenance / Cleaning

When cleaning, use a lukewarm soap and water mixture. Apply the solution to the sealing profile using a soft sponge or cloth; wipe the wet product with a clean, soft cloth.

Do not use

- any kind of strong solvents such as, but not limited to, white spirit, acetone, etc. or
- any sharp-edged objects or tools, such as, but not limited to, wire brushes, emery paper, etc.

The sealing profiles shall be dried at room temperature and not placed near a heat source.

Information

Please inform Deventer immediately if the sealing profile is delivered with damaged packaging or if the sealing profile itself shows a defect.

- Provide a detailed description of the defect and add photos to your documentation.
- In case of transportation damage, also file a complaint against the transportation company.

Deventer will analyze each complaint and inform about the results of the examination within reasonable time.

Annex 1: max. stacking units per layer

Type of cardboard boxes (Part of the Materialtext)	Pallet EURO / IPPC 1200x800 mm	Industry 1200x1200mm	Industrie 800x800m or 1000x1000m
KSP1 – single use	7 cartons		
KSP1A – single use	7 cartons		
K0 – single use	12 cartons (2 layers)		
K10 – single use	90 cartons		
KSPN	16 Spools		
MSP6 reusable	5 Spools		
MSP1- reusable		6 Spools in Rack	
MSP4 – reusable		24 Spools	
MSP5 - reusable			5 Spools
KSP			32 Spools

*The number of units per layer listed herein is subject to the conditions that a) original cardboard boxes from Deventer are used, b) the outer cardboard boxes are not damaged, c) the max. allowed weight per cardboard box is not exceeded and d) the storage conditions are met.

** Cardboard boxes listed in the table show standard packaging material of Deventer. Upon mutual agreement, different packaging material can be used by Deventer.