



Butyl Tape 318 Fleece

07.2022

Celdex Butyl Tape 318 Fleece is a premium cross-linked extruded grey butyl rubber, single-sided fitted with a non-woven polyester fleece. At the other side the butyl rubber is being protected by an easily removable release liner. This butyl tape is suitable as a connection/sealant of, for instance wall to floor connections in bathrooms and the airtight sealing of frames for exterior façade insulation. Also suitable as sound damping.

PROPERTIES

Butyl Tape 318 Fleece will not cure, remains elastic, has a very high adhesive strength and contains no volatile compounds or solvents. The product ensures a clean and neat (edge) finishing. The fleece can be painted with most common types of paint and can also be plastered. Exterior façade insulation panels can be glued directly to the product. Available on roll.

CHARACTERISTICS

- Cross-linked grey butyl rubber
- Permanent elastic, will not cure
- Single-sided fitted with non-woven polyester fleece
- Can be repainted and re-plastered
- Removable release liner at other side
- As a sealing of wall and floor connections in bathrooms
- As an airtight sealing of frames for exterior façade insulation systems

- As sound damping
- Available on roll

PROCESSING GUIDELINES

The substrate must be clean, dry and dust-free. Use the correct tape size for every joint. Butyl Tape 318 Fleece should be applied without tension. If the tape is stretched too much during assembly, the fleece may be torn. Make connections by ensuring the tape to overlap about 5 cm and carefully press manually or with the Celdex Pressure Roller. When doing this, ensure that at corners and overlap joints the butyl properly connects everywhere. In connection with a reduced adhesive strength do not process at temperatures below 5 °C. In case of porous or absorbing substrates, such as aerated concrete, lime-sand stone, masonry, poured and prefab concrete, pre-treat the substrate with Celdex Butyl Primer or perform adhesion tests in advance. Butyl Tape 318 Fleece is tolerant with coatings, mortars, glues, polyurethane foams and elastic sealants. We recommend that the tolerance be tested in advance. Store the product in its closed original packaging.



SAFETY

No specific safety guidelines exist for this product.

MAINTENANCE INSPECTIONS

Possible damages to the sealing materials can be timely identified by performing periodic inspections. In order to prevent consequential damage, reconstruction works will be carried out in consultation with Celdex. Before any reconstruction works are carried out, it is essential to establish the cause of the damage to the sealing and to ask Celdex for additional advice. This can be done by means of targeted visual inspections or by assessing the damage in a laboratory.

IN CASE OF DOUBT

When in doubt, or in case of deviating circumstances, you can contact our Technical Department. Would you prefer customised advice? Our technical consultants will be happy to help you.

CELDEX

Celdex is a producer of synthetic foam products for construction, industry, sports & leisure. In addition to a wide range of standard products, we also provide customisation. Whichever product you choose, we produce everything in-house and use short delivery times. Celdex is the one discussion partner for airtight construction for architects, construction companies and the supplying industry. Our consultants have broad constructional know-how and think along about construction, use of material and critical connections. Our products can usually be applied prefab, which saves a lot of time and construction costs. Throughout the building process, we provide advice about the application and processing of our materials, aiming for optimal performance.

Discover our assortment:

- Foam fillers
- Stone wool products
- Single-sided and double-sided adhesive foam tapes
- Pre-compressed foam tapes
- Butyl tapes
- Fire-resistant products
- Anti-drumming materials
- Duct seals
- Tapes
- Polyurethane foams, elastic sealants and adhesives

TECHNICAL DATA

Weight	1.6 kg/cm ³
Colour	Grey
Thickness	1 mm
Colour non-woven fleece	White
Water vapour permeability	0.18 g/m ² /24h/mm
Dynamic Shear	12 N/cm ²
Peel Adhesion 90°	8 N/cm
Peel Adhesion 180°c	9 N/cm
Service temperature range	-40 °C to +90 °C
Application temperature	+5 °C to +40 °C
UV-resistance	Poor
Shelf life at storage temperature 20 °C	12 months in closed package

The data on this product data sheet was represented as complete and as correctly as possible, but cannot constitute any guarantee. When in doubt, please consult one of our specialists. The application method, as also the application conditions will be your own responsibility. Deliveries will take place exclusively in conformity with our General Delivery and Payment Conditions.