

Liner Tray Tape

11.2022

Celdex Liner Tray Tape is a single-sided adhesive semi-closed-cell polyurethane foam that has excellent airtight sealing and thermal properties. The product prevents air leakage in connections between structural liner trays and the connection of liner trays with the sub-frame.

PROPERTIES

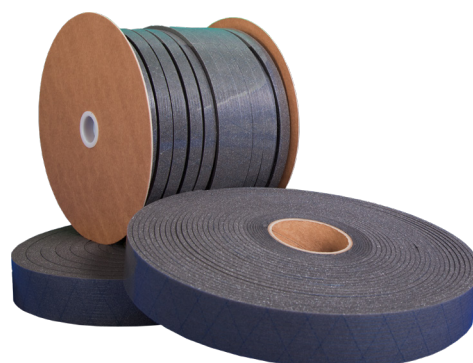
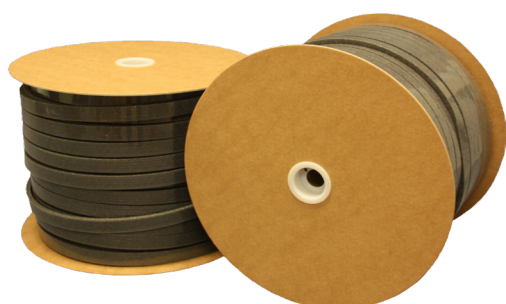
Liner Tray Tape is easily compressible. The high tack self-adhesive allows processing at low temperatures and/or lightly humid substrates. For easily positioning of the liner trays, the tape is implemented at the top, using a special 'low-friction' lamination. Available on roll and reel.

CHARACTERISTICS

- Very fine-celled semi-closed polyurethane foam
- Single-sided adhesive (acrylate)
- Good airtight properties
- Good thermal properties
- Prevents condensation problems
- Available on roll, on reel and large industrial reels
- Colour: anthracite

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. Remove the release liner and apply the foam tape as far as possible on the inside (contact surface with the sub frame) of the liner tray. At a temperature below 5 °C, the adhesive has reduced initial adhesive strength. Between the liner trays, use the measurement 5 x 15 mm. For the application on the sub-frame the measurements 5 x 45 mm (liner tray profiling approx. 2 mm) and 15 x 45 mm (liner tray profiling approx. 8 mm). Do not stretch the product around corners, instead, cut it at the corners. A compression of 50 % is needed when an airtight sealing and thermal insulation is required. After application apply extra pressure with the Celdex Pressure Roller.



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

Density (ISO 845)	30-35 kg/m ³
Compressibility	3-4 kPa
Colour	Anthracite
Colour low-friction	Black
Adhesive	Acrylic
Airtightness (EN 1026) 50 % compression	Qv10= 0.031 dm ³ /s
Airtightness (NEN/EN 12207) 50 % compression	Class 4 (SHR-rapport 14.087)
Airtightness (NEN 2687) 50 % compression	Class 4 (SHR-rapport 14.087)
Airtightness (c-value) 50 % compression	0.00068 dm ³ /s.m.Pa ⁿ
Thermal conductivity	0.033 W/mK
Elongation at break (ISO 1798)	170 %
Tensile strength (ISO 1798)	120 kPa
Durability	BRL 2804-1 aging
Service temperature range	-40 °C to +120 °C
Available thicknesses (mm)	5 x 15 mm, 5x 45 mm, 15 x 45 mm / others on request
Joint type	Uneven, non-parallel
UV-resistance	Not UV-resistant
Agging	By influence of UV
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.