



CW30 Aluminium Tape

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CW30 Aluminium Tape is made from a flexible 30 micron thick aluminium foil and is single-sided coated with an acrylic-based adhesive suitable for low temperatures. The tape is supplied with a silicone-coated paper release liner for easy application. This high-quality aluminium tape is suitable for use under demanding temperature and environmental conditions and provides good adhesion and water resistance.

PROPERTIES

CW30 Aluminium Tape is suitable for fixing, repairing, sealing and securing in a wide range of applications. The tape is ideal for bonding foil-faced fibreglass or insulation boards and for sealing cold room insulation or double-glazed units. It provides a vapour-tight seal for metal air ducts and is suitable for rigid duct insulation. CW30 Aluminium Tape is widely used in HVAC (Heating, Ventilation, and Air Conditioning) applications and can also function as a heat shield due to its strong reflective properties.

CHARACTERISTICS

- Strong adhesive strength
- Conformable and flexible, easy to tear
- Good resistance to both high and low temperatures
- Good ageing resistance

- Versatile solution for fixing, repairing, sealing and securing in a wide range of applications
- Available on rolls

PROCESSING GUIDELINES

The substrate must be clean, dry, dust- and grease-free. Cut or tear the tape to the required length. Remove the silicone-coated paper release liner and press the tape firmly onto the surface. Apply even pressure along the entire length to ensure an optimal seal. Prevent air entrapment. For porous substrates, adhesion testing is recommended prior to application. Rolls should be stored flat on their cut edge in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent vapours. Store the product in a cool, dry place in the unopened 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

Material	30 micron aluminium foil
Colour	Aluminium
Adhesive	Acrylic
Total thickness	0.07 mm
Tensile strength	20 N/cm (AFERA 5004)
Elongation at break	3%
Adhesion to steel	6 N/cm (AFERA 5001)
Service temperature range	-35 °C to +120 °C
Application temperature	-20 °C to +40 °C
Shelf life at storage temperature 20 °C	12 months in closed original packaging

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.