Butyl Self Adhesive Sealing Tape

Self-adhesive butyl rubber waterproofing tape

PRODUCT CODE WP-TAP-000002 **DOCUMENT** NB-TDS-TAP-WP-TAP-000002

01 Product description

Nexbride-Waterproof Butyl Self Adhesive Sealing Tape is a flexible waterproofing tape with a self-adhesive butyl rubber layer and a peel-off release film. It is designed for waterproofing membrane seams and building details, including EPDM systems, and is installed using a compatible primer and a hand roller.

02 Key features

- Flexible butyl rubber adhesive for bonding and sealing joints.
- Peel-off release film for self-adhesive installation.
- Five variants, with customised sizes and reinforcement options available.

03 Recommended uses

Sealing membrane lap edges, longitudinal and transverse seams, butt joints and building details. Suitable applications include EPDM waterproofing systems and bonding to metal, concrete, stone, wood, plastics and glass, subject to compatibility with the selected tape variant, substrate and primer.

04 Product information

Item	Specification
Material and construction	Self-adhesive butyl rubber layer with a peel-off release film; reinforcement varies by SKU.
Appearance and colour	WP-TAP-000002-001: black.
Packaging	WP-TAP-000002-001: 8 rolls per carton.

05 Available variants

SKU	Reinforcement	Width x length	Nominal thickness
WP-TAP-000002-001	None	40 mm x 20 m	1.5 mm
WP-TAP-000002-002	Aluminium foil	150 mm x 10 m	1.2 mm
WP-TAP-000002-003	Aluminium sheet	150 mm x 10 m	1.2 mm
WP-TAP-000002-004	Fabric	250 mm x 10 m	0.7 mm
WP-TAP-000002-005	Fabric + EPDM	150 mm x 10 m	1.2 mm

Dimensions are nominal. Customised dimensions and reinforcement options are available.

06 Technical properties

Model / nominal size reference: WP-TAP-000002-001; 40 mm x 20 m; 1.5 mm. The model association is based on nominal size.

Property and test condition	Test method	Measured result
Holding power	JC/T 942-2004	25 min
Heat resistance at 80 °C for 2 h	JC/T 942-2004	No flow, cracking or deformation
Low temperature flexibility at -40 °C	JC/T 942-2004	No cracks
Shear adhesion to waterproofing membrane	JC/T 942-2004	3.5 N/mm
Peel adhesion: membrane to membrane	JC/T 942-2004	1.0 N/mm
Peel adhesion: cement mortar board	JC/T 942-2004	1.5 N/mm
Peel adhesion: colour-coated steel sheet	JC/T 942-2004	1.5 N/mm

Measured dimensions: width 40 mm; length 20 m; thickness 1.51 mm.

07 Application guidelines

Treat the contact surfaces with a compatible primer. Check compatibility with the selected substrate, surface coating and adjacent materials. Confirm suitability for the intended exposure, water contact and joint movement.

1. Position the tape along the seam or building detail to be sealed.
2. Peel off the release film and place the adhesive layer against the primed contact surface.
3. Press the tape firmly into contact using a hand roller.

08 Storage and handling

Store on a dry, level surface away from direct sunlight. Lay cartons flat; for WP-TAP-000002-001, stack no more than five cartons high. Keep the original packaging intact during transport and protect the tape from impact, cuts and scratches.

Keep away from fire and open flames during storage and transport. Prevent contact with acids, alkalis, oils and organic solutions.

09 Technical notes

Values characterise the tested specimens and are not guaranteed production limits. Nominal size correspondence does not establish equivalent performance for different backing or reinforcement constructions. The results do not apply to WP-TAP-000002-002 to WP-TAP-000002-005 or customised variants. Test temperatures are not application or service temperature limits.