

TECHNICAL DATA SHEET - JOINT TAPE HYDRA ELASTOMER A

DESCRIPTION

HyDra Joint Tape Elastomer Type A is manufactured in accordance with DIN 7865 Part 1 and 2, from either EPDM rubber or SBR rubber, depending on request. Type A joint tapes are intended for external construction joint sealing in watertight concrete structures exposed to hydrostatic pressure.

PROPERTIES

- High tensile and elongation strength
- Long-term flexibility and load capacity
- Suitable for watertight concrete structures subject to movement
- Resistant to naturally occurring aggressive substances in concrete
- Resistant to a broad range of chemicals (testing required for each case)
- Resistant to bitumen
- Available as a complete system
- On-site vulcanization of butt joints possible

TECHNICAL INFORMATION

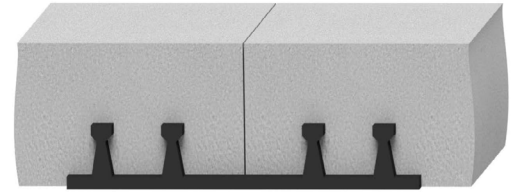
Material: EPDM elastomer (standard), available as SBR on request

Color: Black

Packaging: Standard in 25 m rolls. Also available as custom pre-assembled systems.

All mechanical properties according to DIN 7865 Part 2.

Shore A-hardness	62 +/- 5
Tensile strenght	≥ 10 MPa
Elongation at break	≥ 380 %
Compression	168 h vid 23°C ≤ 20 % 24h vid 70°C ≤ 35%
Tear resistance	≥ 8 kN/m
Aging resistance:	
Hardness change	≤ 8
Tensile strenght	≥ 9 MPa
Elongation	≥ 300 %
Low temperature performance	≤ 90 Shore A
Permanent deformation	≤ 20%
Performance after bitumen contact:	
Residual deformation	< 20 %
Tear strenght	≥ 7 MPa
Elongation at break	≥ 300 %
Ozone resistance	No cracks



APPLICATIONS

- Sealing of joints in concrete structures
- Sealing of external expansion joints in cast-in-place concrete

APPLICATION AREAS

- Commercial buildings
- Basements
- Bridges, troughs, and tunnel structures
- Railway and road tunnels
- Water and wastewater treatment plants
- Underground parking structures

STORAGE

No special storage conditions are required. However, it is recommended to store the product on pallets and in protective packaging before installation to avoid mechanical damage or exposure to external factors such as weather

ADDITIONAL INFORMATION

Hydratec offers on-site vulcanization of joint tapes and training in vulcanization techniques.

ENVIRONMENTAL & SUSTAINABILITY



BVB ID
162989

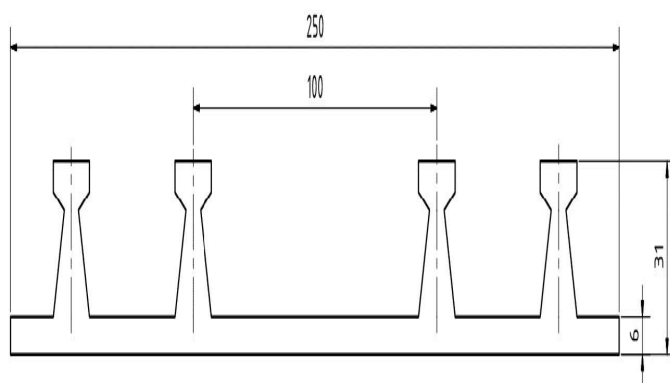
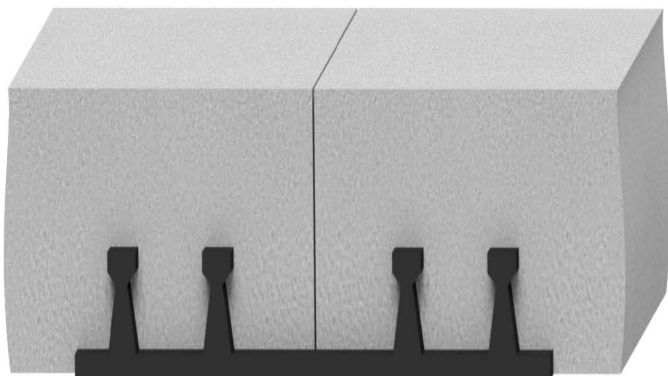


This product is listed in the Nordic Swan Ecolabel Building Product Portal and is therefore approved for use in Swan-certified buildings.

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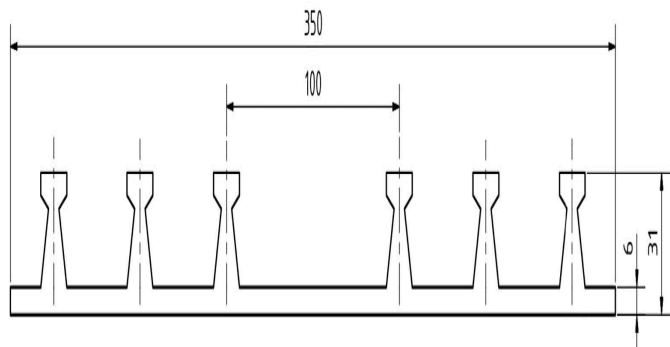
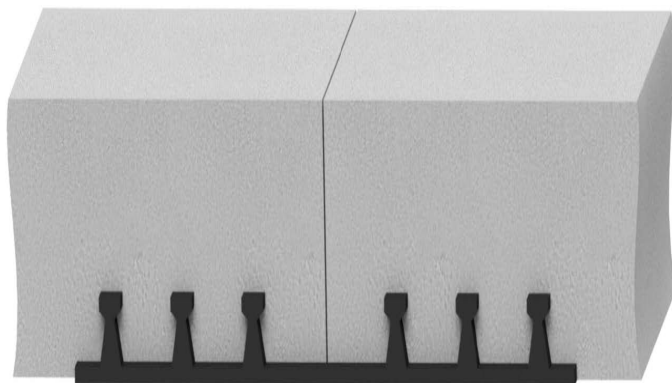
Joint Tape HyDra Elastomer A 250 DIN 7865

All dimensions are in millimeters (mm)



Joint Tape HyDra Elastomer A 350 DIN 7865

All dimensions are in millimeters (mm)



Joint Tape HyDra Elastomer A 500 DIN 7865

All dimensions are in millimeters (mm)

