SHOLEX
SHAKER GROUP

ARFEN®
"We Build Solutions"

EUROFIX



HYDROFLEX

WATERPROOFING SOLUTIONS

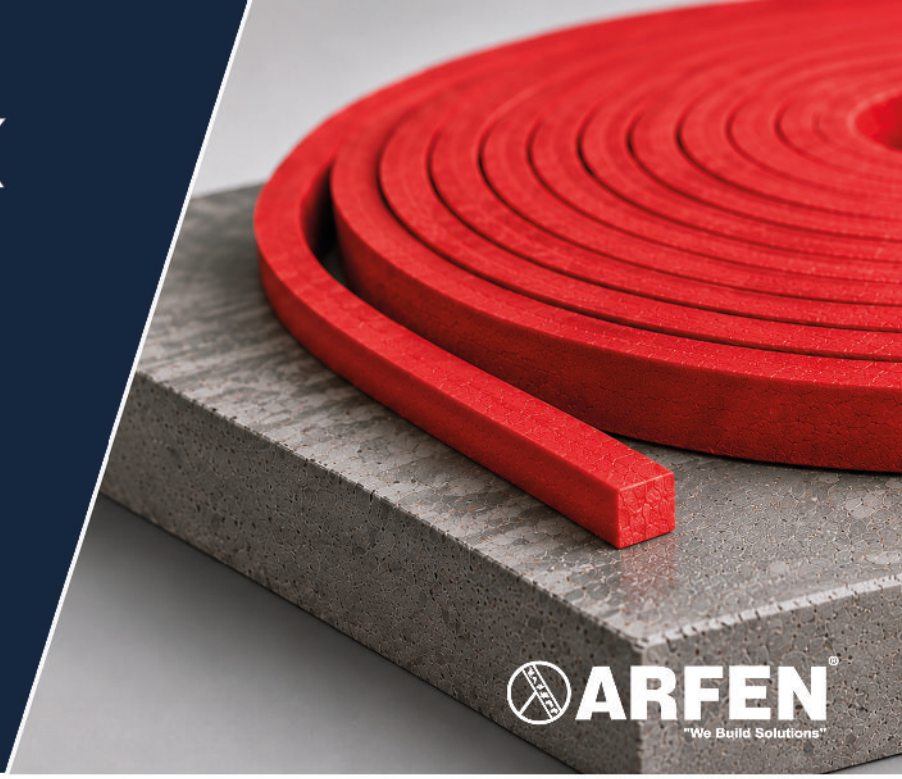
- TPE SWELLING BARS
- EXPANSION JOINT TAPES
- CHAMBER BANDS
- SEALANTS
- FIRE RATED PU FOAM

WWW.SHOLEXTRADE.COM

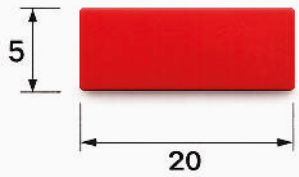
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TPE SWELLING BAR

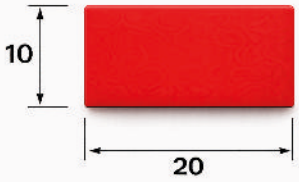
HYDROFLEX WATERSTOP SOLUTION



5/20T



10/20T



PACKAGING

20 MT / ROLL

10 MT / ROLL

HYDROFLEX 5/20T | 10/20T IS A TPE-BASED WATERSTOP THAT EXPANDS UPON CONTACT WITH WATER TO CREATE A WATERTIGHT SEAL IN CONCRETE JOINTS WHILE FILLING CRACKS AND PORES.

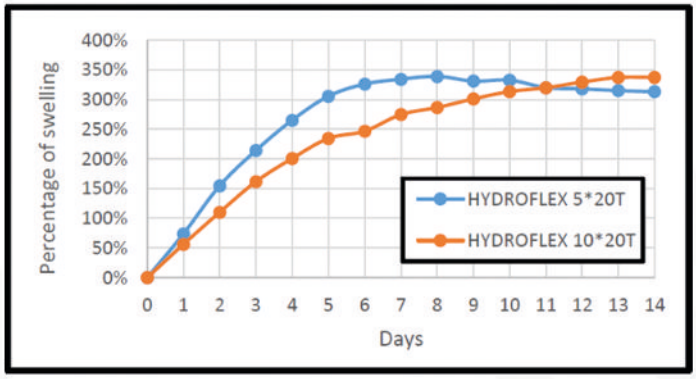
TPE-BASED WATER-SWELLABLE TAPE IS A TYPE OF TAPE THAT CAN EXPAND EVEN IN 10% SALT WATER, WITH AN EXPANSION RATE OF 350% ELONGATION.





USAGE AREAS

- INDOOR AND OUTDOOR PLACES
- IN POOLS, WATER TANKS, TREATMENT PLANTS
- AT FOUNDATION - CURTAIN JOINTS, CURTAIN - CURTAIN JOINTS
- IN TUNNEL SEGMENTS
- THEY ARE USED IN PARTIAL CONTRACTION AND FULL CONTRACTION JOINTS IN ALL KINDS OF REINFORCED CONCRETE AND CONCRETE STRUCTURES

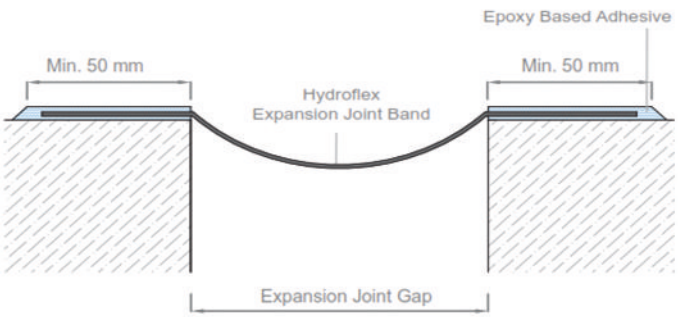


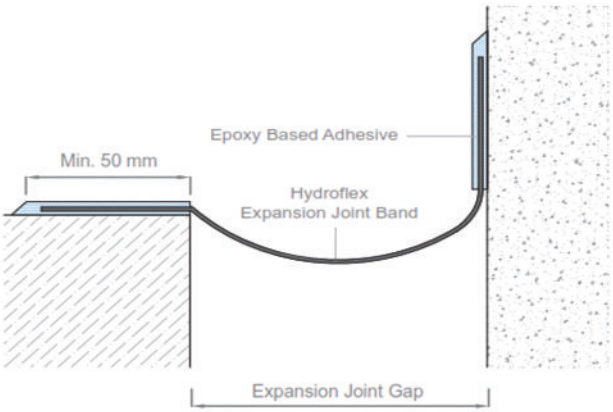
The percentage of swelling in tap water at 23 °C

HYDROFLEX EXPANSION JOINT TAPES









Hydroflex Expansion Joint Tapes are used to provide water insulation in existing or potential joints after concrete casting. HYDROFLEX is a highly elastic expansion joint tape used for the insulation of expansion gaps, thermal expansion joints, and cracks. It is produced in widths of 150 mm - 200 mm - 250 mm - 300 mm - 400 mm - 500 mm - 550 mm, with thicknesses of 1 mm, 1.50 mm, and 2 mm, available in both perforated and non-perforated forms.

PRODUCT CODE	WIDTH	THICKNESS	LENGTH
HYDROFLEX 150	150	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 200	200	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 250	250	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 300	300	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 400	400	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 500	500	1 mm & 1,5 mm & 2 mm	25 mt / roll
HYDROFLEX 550	550	1 mm & 1,5 mm & 2 mm	25 mt / roll

APPLICATION STEPS

1



2



3



4



HYDROFLEX FEATURES AND BENEFITS

- Easy application with epoxy adhesive
- High elasticity, up to 600%
- High adhesive strength
- Resistance to plant roots
- Resilience to ozone, diesel, and oil
- High performance across a wide temperature range of -40 °C to +90 °C
- Capable of bonding with heat

USAGE AREAS OF HYDROFLEX

- In all building expansion joints, both horizontally and vertically
- In foundations and underground parts of walls
- Used in structures such as wastewater treatment plants, drinking water facilities, water reservoirs, and pools
- In tunnels and culverts
- Applied in cold joint waterproofing of column-to-wall and wall-to-wall joints

HYDROFLEX TECHNICAL SPECIFICATIONS

MATERIAL CHEMICAL COMPOSITION	TPE (Thermoplastic Elastomer)
COLOUR	Grey
HARDNESS LEVEL	70
SERVICE TEMPERATURE RANGE	-40 °C / +90 °C
THERMAL WELDING TEMPERATURE	270 °C
ELONGATION AT BREAK	%600
TEAR STRENGTH	30N/mm
WATER PRESSURE RESISTANT VALUE	> 5 Bar
TENSILE STRENGTH AT BREAK	7.5 Mpa
UV RESISTANCE VALUE	> 7500 h
BITUMEN RESISTANCE	Good
SULFURIC ACID RESISTANCE	Good
ALCOHOL RESISTANCE	Good
DETERGENT RESISTANCE	Good

HYDROFLEX EPOXY ADHESIVE



It is an epoxy-based, two-component, repair, anchoring and bonding adhesive.

ADHESIVE USAGE AREAS

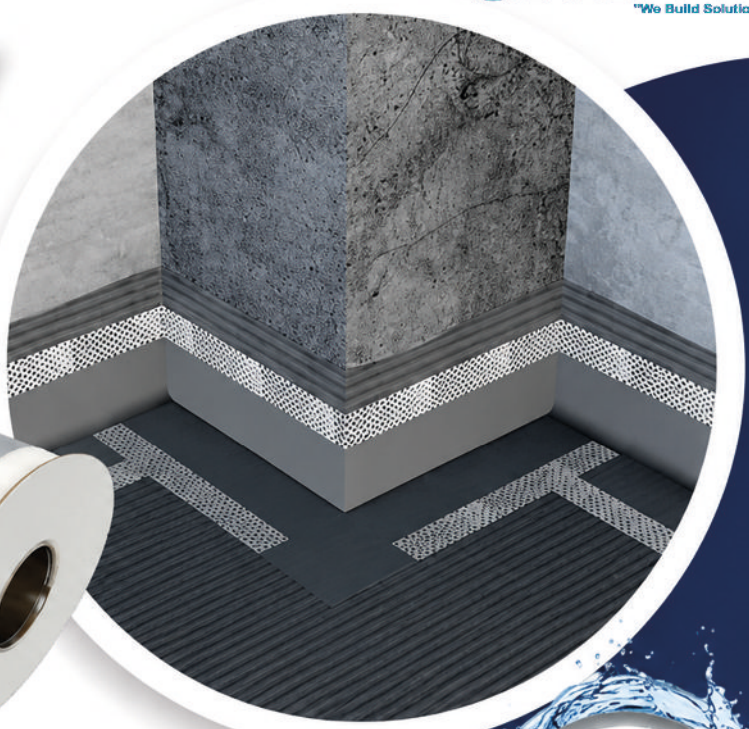
It is used in bonding dilatation tape, anchoring irons and bolts, insulating and repairing wide cracks.

ADHESIVE PROPERTIES AND BENEFITS

It has high adhesion strength, it is resistant to chemicals. Does not contain solvent.

It is applied on floor, wall and terrace dilatations. Water and gas proof. It can be applied to damp surfaces. It has a soft consistency and is easy to apply.

HYDROFLEX CHAMBER BANDS





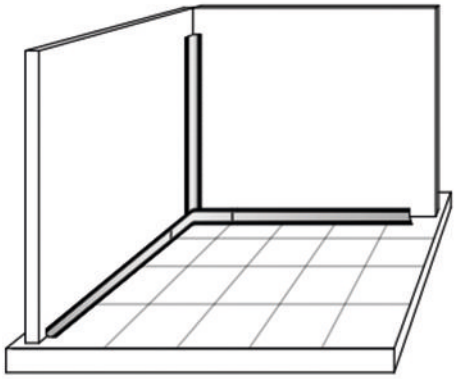
Hydroflex 121
Felt Chamfer Tape

Hydroflex 120
Mesh Chamfer Tape



It is used to prevent cracks in inner and outer corner chamfers and to ensure continuity in sliding-based insulation applications in wet areas and terraces. It is shipped in rolls of 50 meters. Internal and external corners are available.





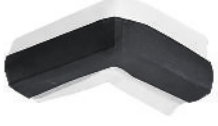
The purpose of waterproofing in wet areas, floors and It is to stop the moisture that may occur on the walls and enable it to evaporate.

Hydroflex Chamfer Tape is used in order to prevent cracks in the inner corners in case of using liquid waterproofing materials in wet areas.

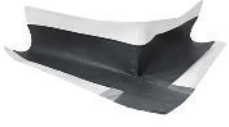
Liquid waterproof materials, which are normally flexible on flat surfaces, cannot tolerate discontinuity in case of cracks in the inner corners. Generally, these are the points where water seepage happens most commonly.
These sensitive areas should be isolated with special polyester tapes.

After the Hydroflex chamfer tape is placed on the insulation adhesive, the top layer of adhesive should be applied again with in a 10 cm area.

In order to provide a proper isolation, the continuity of the applied tape should be ensured. In addition, physical damage (tearing, impact, etc.) should be avoided while ceramic or other finishing materials are placed in place.



Hydroflex 120 İK - Internal Corner Element



Hydroflex 120 DK - External Corner Element

01



EUROFIX MULTI-SEAL

UNIVERSAL SEALANT & ADHESIVE

FEATURES & BENEFITS

- Does not contain solvent, silicone or isocyanate,
- Very Low VOC content,
- No bubble formation, even in wet and humid conditions,
- Very good UV resistance
- Over-paintable with water based paints,
- No shrinkage
- Does not cause oil stains in panels and porous material
- Non-sag, very easy to apply
- No surface tackiness

APPLICATION AREAS

Sealing and Bonding applications in;

- Window and Door Perimeter
- General sealing and waterproofing
- Roofing and gutter
- Concrete Joints
- Metal building construction
- HVAC

02



EUROFIX PU SEALANT

CONSTRUCTION PU SEALANT

FEATURES & BENEFITS

- Possesses permanent elasticity
- 25 % movement capability
- No surface tackiness after full cure.
- Do not pick up dirt
- No shrinkage
- Cures bubble-free
- Enhanced storage stability
- No sagging – Thixotropic
- Can be applied with hand gun and tooled easily
- Paintable

APPLICATION AREAS

- Expansion joints between many different construction materials
- Movement and connection joints in floors
- Indoor and outdoor applications for pedestrian and traffic areas
- Joints between prefabricated construction materials
- Sealing and bonding of ventilation ducts, gutters and spouts etc.
- For expansion joints between pre-cast concrete panels

03



EUROFIX FIRE RATED PU SEALANT

FIRE RATED PU SEALANT

FEATURES & BENEFITS

- More than 4 hours of fire resistance in certain conditions without using backfilling materials,
- 25 % movement capability,
- No surface tackiness after full cure,
- Do not pick up dirt,
- No shrinkage,
- Cures bubble-free,
- Enhanced storage stability,
- No sagging – Thixotropic,
- Can be applied with hand gun and tooled easily,
- Paintable.

APPLICATION AREAS

- Fire rated sealing and bonding application between many different construction materials,
- Fire seal of movement and connection joints in floors,
- Joints between prefabricated construction materials
- Fire stop sealing and bonding of ventilation ducts, gutters and spouts for
- For expansion joints between pre-cast concrete panels

B1



B1 FIRE RATED PU FOAM

Fire Rated PU Foam with fire resistance up to 217 minutes for sealing and insulation applications.

FEATURES & BENEFITS

- According to EN 1366-4 fire resistance up to 217 min
- Efficient seal against smoke and gas.
- Does not contain CFC's and H-CFC's.
- Excellent adhesion & filling capacity.
- Excellent mounting capacity and stability.
- High yield up to 45 liters depending on temperature and humidity.
- High thermal & acoustical insulation value.
- After cured, it can be painted, cut, trimmed.
- Mold and water resistant.
- Conforms to fire class B1 (DIN 4102).

APPLICATIONS

All applications where fire retardant properties are required such as:

- Installation of door and window frames.
- Filling and sealing gaps, joints and cavities.
- Filling of penetrations in walls.
- Heat insulation of roof construction.
- Sealing of cable and pipe penetrations.
- Bonding of insulation materials.
- Multi-Purpose, adhesion and fixation.

B2



B2 FIRE RATED PU FOAM

Self-extinguishable multi-purpose polyurethane foam providing moderate fire safety.

FEATURES & BENEFITS

- Excellent adhesion & filling capacity
- Good for filling wide caps with its high expansion rate.
- Economical consumption thanks to precise application.
- High yield up to 45 liters depending on temperature and humidity.
- Mould-proof, water-proof and over paintable.

APPLICATIONS

- Insulating electrical outlets and water pipes.
- Fixing and insulating of door and window frames.
- Filling and sealing of gaps, joints and cavities.
- Filling of penetrations in walls.

SHOLEX FOR TRADING

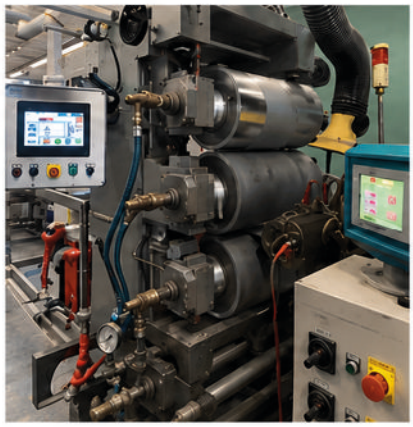
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