

VYKOL TECHNICAL DATA SHEET

VYACC-TPC

TPE Pipe Collar

PRODUCT CATEGORY	MATERIAL	ISSUE
Waterproofing Accessory	TPE + Polyester Nonwoven	August 2026

Product Description

VYACC-TPC is a prefabricated, flexible pipe collar designed to reinforce and seal penetrations in waterproofing assemblies. A resilient blue TPE centre section conforms closely around the pipe, while the surrounding polyester nonwoven flange provides a compatible surface for embedding into liquid-applied waterproofing membranes, cementitious waterproofing coatings or suitable bonding layers. The integrated design helps create a neat, continuous transition at pipe penetrations—one of the most vulnerable areas in a waterproofing system.

Key Benefits

- Flexible TPE centre accommodates common pipe diameters and minor movement at penetrations.
- Polyester nonwoven flange promotes secure integration with compatible waterproofing materials.
- Prefabricated geometry improves detailing consistency and reduces on-site cutting and patching.
- Thin, lightweight format is easy to position, embed and cover within the waterproofing build-up.
- Suitable for internal and external wet-area detailing when used within a compatible system.

Typical Applications

- Bathrooms, shower rooms, kitchens, balconies and utility rooms
- Pipe penetrations through walls, floors, roofs and waterproofed service zones
- Drainage pipes, water pipes, conduits and other round penetrations
- Detail reinforcement in liquid-applied and cementitious waterproofing systems

System note: Compatibility and final system performance depend on the selected waterproofing material, substrate condition and installation quality. Confirm suitability by a small adhesion trial before full application.

Product Range & Dimensions

Select the collar according to the outside diameter of the pipe. Dimensions below are nominal.

Reference	Nonwoven width	TPE width	Nonwoven-free opening	Suitable pipe Ø
TPC-1320	13 cm	11 cm	Ø3 cm	Ø15 / 20 / 25 / 32 mm
TPC-1350	13 cm	11 cm	Ø6 cm	Ø40 / 50 mm
TPC-1676	16 cm	15 cm	Ø9 cm	Ø63 / 76 mm
TPC-20110	20 cm	16 cm	Ø11 cm	Ø90 / 110 mm

Note: Pipe diameters refer to nominal intended pipe outside diameters. Verify the actual pipe dimension and fit before installation.



Figure 1. VYACC-TPC size range and nominal dimensions

Installation Guidelines

1. Prepare the substrate

The substrate and pipe surface must be sound, clean and free from dust, laitance, oil, grease, standing water and loose material. Remove sharp projections and repair voids where necessary.

2. Select and position

Choose the correct collar size. Carefully stretch the TPE opening over the pipe and slide the collar into its final position. The collar should sit flat without twisting or excessive tension.

3. Apply the first waterproofing layer

Apply the compatible waterproofing material around the penetration in accordance with the system supplier's instructions. Ensure full, even coverage beneath the nonwoven flange.

4. Embed the collar

Press the polyester nonwoven flange into the fresh waterproofing layer. Work from the pipe outward to remove trapped air, wrinkles and voids. Keep the TPE transition correctly seated around the pipe.

5. Overcoat and inspect

Fully cover the nonwoven flange with the next waterproofing layer, while maintaining the system's specified total coverage and thickness. Inspect the finished detail for continuity before subsequent work.

Application Notes

- Do not cut the TPE opening larger unless specifically approved for the intended system.
- Avoid puncturing or damaging the TPE section during installation.
- The collar is an accessory component and must be fully integrated into a compatible waterproofing system.
- Movement joints and penetrations subject to significant displacement may require a separately engineered detail.
- Protect the completed detail from traffic, impact and contamination until the waterproofing system has cured.

Packaging, Storage & Handling

Packaging: Supplied by size; packing quantity subject to order and market requirements.

Storage: Store unopened in a cool, dry, well-ventilated place, protected from direct sunlight, moisture, heat sources and mechanical damage. Keep flat and avoid heavy loads that may deform the product.

Handling: Handle carefully and keep surfaces clean prior to installation.

Health & Safety

The product is an article rather than a liquid chemical. Follow normal site safety practices and the safety instructions for all primers, adhesives, coatings and waterproofing materials used with it. Keep packaging materials away from children.

Important Notice

The information in this document is based on current knowledge and is intended as general guidance. Site conditions, substrates and associated materials vary. The user is responsible for confirming product suitability, compatibility and installation requirements for the specific project. VYKOL reserves the right to update product information without prior notice.

