

TPE COLLAR EP- 24

High Strength nonwoven 3ply fabric for collar

Product # 114.144
Version no: 18.12.2025

Data
Tech

PRODUCT DESCRIPTION: Special gaskets for piping made of non-woven fabric with a sealing membrane in the center, for waterproofing pipes of different diameters. The substrate is two external layers of non-woven polyethylene & coating membrane in modified tpe.

AREAS OF APPLICATION

For permanent sealing wall and floor pipe passages in common with embedding materials

- Underneath Ceramic Tiles
- Natural Stones
- In Outdoor Or Indoor Construction Parties
- Bathrooms
- Showers
- Balconies
- Terraces

ADVANTAGE

- Tear Proof
- Chemical Resistant.
- Very Good Behavior On Temperature Differences
- Highly Resistant On Hydrostatic Pressure And Vapor

APPLICATION

SURFACE PREPARATION

Prepare the surface by mechanical grinding or other suitable methods.

- Remove dust, flakes, oil, grease or other loose foreign particles by grinding, iron brush or compressed air by appropriate method and tools. Remove old painting using surface grinder.

- For best bond, concrete surface must be prepared as per CSP 1, 2 or 3.

- Ensure that the new concrete is cured for at least 28 days and surface moisture content is below 4 % before application.

PRIMING/ADHESIVES

Apply FIBREX Adhesives as per the standard methodology(see product tds).

APPLICATION

The installation is simple. Stick pieces when adhesive tacky. Press by roller for proper adhesion. Avoid air Pockets and wrinkles and make sure that the overlapping 5cm minimum is required.

CLEAN UP

Clean all tools immediately after use with Fibrex Paint Remover. Do not allow material to harden.

TECHNICAL SPECIFICATIONS

Sealing Zone	TPE (aging resistant)		
Color	Grey		
Dimensions	250 mm x 250 mm	150 mm x 150 mm	120 mm x 120 mm
Diameter flexi zone	140 mm	75 mm	50 mm
Diameter hole	90 mm	40 mm	25 mm
Thickness	0.60 mm		
Temperature resistance	-30 C / +90 C		
Tensile Strength longitudinal(DIN 527-3)	104 N/15 mm		
Tensile Strength lateral(DIN 527-3)	23 N/15 mm		
Elongation break longitudinal(DIN 527-3)	70%		
Elongation break lateral(DIN 527-3)	335%		
Water pressure resistant(DIN EN 1928 B)	>1.5 bar		
Water pressure resistant(Burst pressure max)	2 bar		
UV-resistance (ISO 4892-2)	500 hours		

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

CHEMICAL PROPERTIES

(storage 7 days in room)

Rating scale: + resistant; 0 = poor; - without resistance	
Hydrochloric acid	+
Sulphuric acid	+
Citirc acid 100 g/l	+
Lactic acid 5%	+
Potassium hydroxide 3%	+
Sodium hypochlorite 0,3 g/l	+
Salt water NaCl (20 g/l)	+
KOH 3% 40 c – 28 days	+

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PACKAGING

50 pcs

STORAGE

It has to be storage on a dry and cool place, not to expose to direct sunlight. Use the tape within 18 months after receipt.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals pvt. Ltd. products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

