

PRODUCT FAMILY

Water Proofing &
Joint Sealants

MCT

MC-Master T-Look

T-ribbed PVC lining system

MC-Master T-Look is a flexible T-ribbed sheet manufactured from extruded polyvinyl chloride under high temperature and pressure.

Sheet thickness	Basic sheet size	T-rib spacing	Standards
2 mm	100 cm x 3 m	60-80 mm	ASTM D2240 ASTM D412

Description

MC-Master T-Look is a flexible T-ribbed sheet manufactured from extruded polyvinyl chloride under high temperature and pressure.

Where to use

- Designed to protect new concrete sewer pipes and concrete structures from sewage conditions, including sulphuric acid and hydrogen sulphide gas attack, as well as other corrosive materials.

MCT TECHNICAL DATA

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Advantages

- Specially compounded to remain flexible.
- High bond with concrete when embedded.
- Good mechanical properties.
- Sheets and accessory items are free from cleavages or similar defects.
- Installed lining can be repaired.
- Good impact and wear resistance.
- High chemical resistance.
- Easy to install and weld.

Technical data

Shore hardness D - ASTM D2240	1 sec: 50-65; 10 sec: 35-55
Tensile strength - ASTM D412	> 8 N/mm ²
Elongation - ASTM D412	> 200%
Chemical-exposure weight change after 14 days	1.7 ± 0.2%

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Chemical resistance

MC-Master T-Look is tested at $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ for weight change after 14 days of exposure. Testing solutions listed by the source include sulphuric acid 25%, sodium hydroxide 10%, ammonium hydroxide 10%, nitric acid 1%, ferric chloride 5%, sulphides 2%, sodium sulphates 10%, anionic surfactant 10%, soap 5%, sea water, mineral oils and bacteriological BOD 700 ppm. Testing for prolonged exposure up to 84 days can be provided.

Dimensions

Basic-size sheets: 2 mm thick, 100 cm wide and 3 m long. T-locking ribs are 60-80 mm apart and at least 9 mm high. Special sizes are available to job requirements. Pipe-size sheets can be shop-welded from basic sheets using heat and pressure with 5 cm side overlap. Joint strips are 2 mm thick and 10 cm wide. Prefabricated pipe-size shapes can also be supplied ready for positioning on pipe forms.

