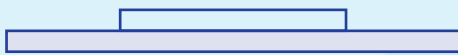


12FB PUTTY TAPE

General description

Nitto 12 FB is a self-amalgamating putty tape. By stretching and wrapping around pipefittings, cables or other objects, the putty will instantly amalgamate into itself, thus creating a waterproof insulating barrier to prevent corrosion. 12 FB is usable in- and outdoors.

Construction



- Putty based on synthetic black rubber
- Dry-edge liner: siliconised white paper

Characteristics

- Nitto 12 FB is a soft and tacky putty. These properties are appreciated for applications where the temperature is low or where a more sticky putty is required.
- The combination of Nitto 12 FB with Nitto PVC tape 51 for more armour protection, offers a reliable sealing and anti-corrosion coating.
- The thicker type of the product makes it possible to even out contoured surfaces.
- Nitto 12 FB only requires a small overlap percentage.

Application

In some applications, the additional use of a primer can be considered for optimum results.

In general you can find insulation putty's in the following applications:

- cable splices
- cable terminals as insulation seal
- cable jacket repair
- pipes, joints and fittings
- very suitable as filling and additional sealant in shrinkable sleeves

CORE FUNCTION



TO PROTECT

Features

- soft and tacky putty
- reliable sealing and anti-corrosion coating
- level out contoured surfaces
- minimum overlap percentage required

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This datasheet replaces all previous versions.



Properties

General physical properties

	12FB A	12FB B	12FB C	Test Method
Thickness	1.0 mm	2.3 mm	3.0 mm	ASTM D 1000
Weight	1155 g/m ²	2660 g/m ²	3640 g/m ²	
Yield strength	75 g/6mm 10 g/mm ²	150 g/6mm 11 g/mm ²	250 g/6mm 13 g/mm ²	ASTM D 638
Elongation at break	> 3000 %	> 3000 %	> 3000 %	ASTM D 1000
Needle penetration	4.6 mm	4.6 mm	5.5 mm	ASTM D 5
Self amalgamating property	no flagging, no unwind	no flagging, no unwind	no flagging, no unwind	ASTM D 1373
Breakdown voltage	17 kV/mm	17 kV/mm	17 kV/mm	ASTM D 1373
Volume resistivity	1 x 10 ¹⁰ Ohm.cm	1 x 10 ¹⁰ Ohm.cm	1 x 10 ¹⁰ Ohm.cm	ASTM D 257

Availability

12FB A				
Rollsize t x w x l*	Core diameter	Rolls / carton	Rolls / layer	Rolls / pallet
1mm x 30mm x 80m	76 mm	4	24	96
1mm x 60mm x 10m	76 mm	15	90	360
12FB B				
Rollsize t x w x l*	Core diameter	Rolls / carton	Rolls / layer	Rolls / pallet
2.3mm x 25mm x 10m	76 mm	8	96	384
12FB C				
Rollsize t x w x l*	Core diameter	Rolls / carton	Rolls / layer	Rolls / pallet
3mm x 38mm x 1.5m**	31.5 mm	10	140	1260

* Please contact us for specific dimensions

** Individually packed in carton

Application guidelines

- Clean the surface properly by removing all dust, dirt and grease.
- In some applications it's recommended to additionally use primer.
- Wrap around and stretch the putty product. An overlap of 10 to 20% is sufficient.

General conditions of use and precautions:
The properties of the product might be adversely affected by various elements such as composition, condition and surface of and impurities in or on the substrate, temperature and humidity during storage, the surrounding environment at and after application and time of exterior use. When the product is used in combination with another material or process, the user shall assure the compatibility of the product in such combination and whether this combination results in the expected performance. The same principle applies in the event of product use in extreme conditions or circumstances, whether at or after the moment of application, including extended exposure to sunlight or extreme temperatures and pressure.

Packaging, transport and storage:
During transport and storage the product should always be protected against direct sunlight and extremes in temperature and humidity and contained in its original packaging. Once removed from its packaging, it should be promptly applied and remain shielded from direct sunlight and extreme temperature as well as protected against dust and other impurities.

Liability:
Except for its wilful misconduct, Nitto Belgium's liability shall be limited to a replacement, a reimbursement or an additional delivery of the product, and shall not exceed the purchase price of the products. In no event shall Nitto be liable in respect of any indirect or consequential damages, including loss of profits.
The above limitations of liability shall equally apply if Nitto Belgium has assisted in any manner with the selection, treatment or application of the product.

Product information:
This datasheet provides a general description of the product properties and application scope. Full technical details in connection with this product are presented in the customer product specification, which is available upon request.

The information reflected in this datasheet is subject to change and the product described herein may be modified or discontinued without notice.

Nitto Belgium NV has obtained following certificates:

- ISO 9001
- ISO 14001
- IATF 16949

Please check our website for applicable scope

If you require additional information on technical properties and application as well as product sampling or testing, please contact your local Nitto sales office.

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