

POLIFLEX-80



DESCRIPTION:

Viscoelastic adhesive tape made of polyisobutylene-based butyl putty supported by high density polyethylene films.

PECULIARITIES:

Great stretch capacity on both directions. Given the high adhesive, self-amalgamating power, it does not need a fixing primer. It perfectly impermeabilizes surfaces, insulating them from soft chemical and atmospheric agents.

APPLICATIONS:

Corrosion proofing covering for underground and overhead pipes (protected with aluminium), sealing of metallic and cement surfaces in the building sector (joints, skylights, chimney flashings, cold flues, conditioning channels, etc.). The great stretch capacity gives the tape a quite universal adaptability to all surfaces, even to the most irregular ones (curves, Te, spigot joints, etc.). As for the product application, the surface has only to be clean and not humid. It has to be stripped exerting the necessary pulling stress according to the situation. In fact it can be stretched up to more than 700 % of its original length. The final thickness changes according to the pulling stress exerted. An overlap of at least 10 % of the tape width is recommended.

TECHNICAL DATA

Thickness
Density
Colour
Break resistance (length)
(width)
Ultimate elongation (length)
(width)
Impact resistance
Dielectric strength
Electric resistance Rs 100
Adhesive thickness
Support thickness
Stripping force
Nature of the break
Application temperature
Service temperature

Putty characteristics

Nature of rubber

Adhesive thickness
Density

TESTS

NFT 54-101
NFT 51-063

SL NFT 54-102
ST NFT 54-102
SL NFT 54-102
ST NFT 54-102
NFT 54-109

D51 1485
D51 1485

MED 007

RESULTS

0,8 mm
0,92 g/cm³
Grey
> 20 MPa
> 20 MPa
> 500 %
> 700 %
> 8,2 j
> 20,8 KV/mm
> 10,5⁶ M□
about 0,7 mm
0,08 mm
16 N/cm
cohesive putty
+5 ÷ +40 °C
-30 ÷ +80 °C

butile
poliisobutilene
about 0,7 mm
1,6 g/cm³



Colour		grey
Resistance to cathodic disbondment		≥ 20 mm
Tear resistance 100 mm/min	D51 1178 *	0,29 MPa
Shear strength 10 mm/min	D41 1108 *	0,055 MPa
Penetration resistance		≥ 1 N/mm ²
Test posting of steel at 100 mm/mn @ 23 °C	MEL 052	about 9 N/cm
Test posting of concrete at 100 mm/mn @ 23 °C	MEL 052	about 6 N/cm
Putty resistance to the current flow at 5 °C	NF P 85-501	0 mm
Putty resistance to the current flow at 70 °C	NF P 85-501	0 mm

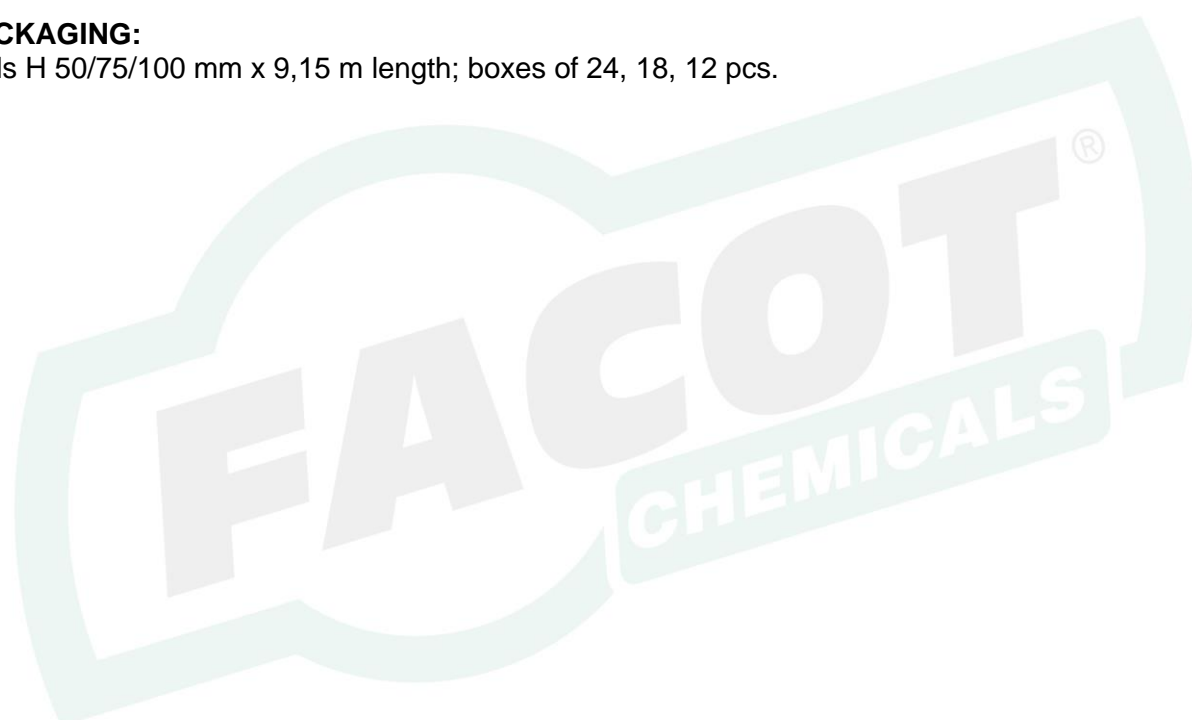
Product complying with the UNI EN 10190, UNI EN 12068.

* Renault research centre STANDARD

FIRE RESISTANCE CLASS B 2 (Test method DIN 4102)

PACKAGING:

Rolls H 50/75/100 mm x 9,15 m length; boxes of 24, 18, 12 pcs.



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