

# PARATEX



## DESCRIPTION:

Corrosion proofing insulating bands for the protection of underground and aerial mains or pipes. Paraffinic, dielectric with a polyethylene film on one side.

## APPLICATIONS:

To be used whenever pipes have to be protected by corrosion due to atmospheric, chemical, environmental agents. Suitable also for the protection from stray currents of metal surfaces, for the outer binding of tanks, underground, aerial and underwater mains or pipes. The band represents an excellent steam barrier and thanks to its chemical inertia it is a good protection from the above mentioned agents, too.

PARATEX band has a quite total application versatility since it can be used in those points impossible to reach, as for example curves, valves etc.

## COMPOSITION:

Synthetic fibre fabric, that can not be altered by soil chemical, bacteriologic and mycotic agents; it is impregnated with a corrosion proofing paste based on paraffinic hydrocarbons specially treated and charged.

## CHARACTERISTICS:

Once it has been applied, it keeps its plasticity and inalterability. It is waterproof (saline water too), gasproof and it can be used at a temperature ranging from -50 °C to +50 °C.

UV – rays resistance	Discreet
Mean thickness	about 1,4 mm
Mean weight	about 1,20 kg/m <sup>2</sup>
Waterproof (saline water too) and gasproof	
Drilling voltage	from 5 to 8 Kv/mm
Heating element (non-treated band):	10 megaohm/dm <sup>2</sup>
After 10 days inside the solution. N/10 of HCl or NaOH	min. 7 megaohm/dm <sup>2</sup>
Breaking load due to elongation	3 kg/cm, 28 % stretch
Thermic conductivity	0,23 kcal/hm °C
Polyethylene film thickness	35 - 40 My
Adhesive mass	about 1140 g/m <sup>2</sup>
Fabric weight	about 115 – 120 g/m <sup>2</sup>
Saponification N.	59 mg KOH/g
Acidity N.	0,6 mg KOH/g
Surface resistivity	> 2 x 10 <sup>9</sup> ohm

## CONFORMITY:

**Class A 30 according to UNI EN 12068 Norm.**

## COMPATIBILITY OF MATERIALS:

PARATEX tape, thanks to its composition based on paraffin hydrocarbons is chemically inert and therefore compatible with all materials used in buildings of all types including metal and plastic polymers like PE, PP, PES, PVC, ABS, PU.



**INSTRUCTIONS FOR USE:**

Wind up the band overlapping 10/15 mm two following turns, then wear a glove for cold levelling off, to obtain an homogeneous and flat surface. On rusted or irregular surfaces it is recommended an accurate cleaning with a hard brush.

**PACKAGES:**

10 m reels

width: 50 – 100 mm and 50 mm multiple up to 1000 mm

36 - pieces cases for 50 mm width

18 - pieces cases for 100 mm width

Other packages having a different size are available on request.



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