

Oxidation Polymerized Outdoor Anti-corrosion Tape

NITOHULLMAC XG

Outline

Oxidation Polymerized Outdoor Anti-corrosion Tape NITOHULLMAC XG is made of a plastic base non-woven fabric impregnated with a compound which has a specially compounded drying oil as its main ingredient. This tape can perfectly fit to plant equipments that have complicated shape. Also, after construction, the surface side of tape will be oxidized and will lose its stickiness and the opposite side will show good anti-corrosion performance with the help of primer that was put on the steel surface.

Construction

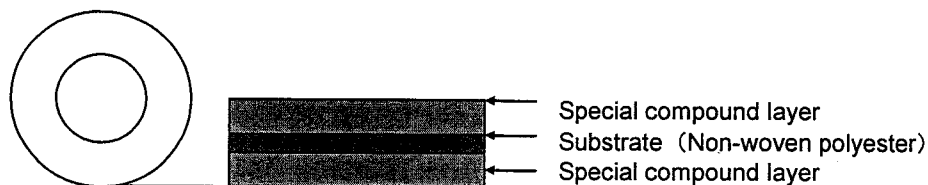


Fig1. Tape structure

Application

- Anti-corrosion for a variety of pipelines
- Anti-corrosion for complicated steel parts like flange, pipe
- Anti-corrosion for complicated shaped steel structures

Features

- This tape is flexible and can fit to complicated shape only by smoothing down after being wound
- Can shut out water, air that will lead to corrosion from metal surface because of good adhesive tape compound and primer
- After construction, the surface of tape will form oxidation polymerized thin membrane and will lose its stickiness and form anti-corrosion layer that has a flexible property in the bottom layer of tape
- Has good weatherability

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Standard size

Table 1. Standard size

item name	thickness (mm)	width (mm)	length (m)	Quantity (roll/case)
NITOHULLMAC XG	1.1	50	10	24
		100		12
		150		8
		200		6
		300		4

General properties

Table 2. General properties

Items	Unit	Measurement value	Test method
Outside appearance	—	Silver color	JIS K 5600
Thickness	mm	1.1	JIS Z 1902
Weight	Kg/m ²	1.7	—
Tensile strength	N/25mm	85	JIS Z 1902
Tensile elongation	%	14	JIS Z 1902
Adhesive force	N/25mm	24	JIS Z 1902
Volume resistivity	Ω·cm	1×10 ¹¹	JIS K 6911
Water absorption rate	%	0.3	JIS K 6911
Heat resistance	°C	−40~ +90	—
Salt water spray test	—	A grade(2000h)	JIS Z 1902
Weatherability	—	Retention percentage of tensile elongation after 5000hr exposure: Over 50%	Sunshine carbon arc weather meter

Notice

- Please wear protect gloves when handling.
- When it comes into your eyes, washing by a large amount of water, please contact a Doctor.
- Immediately after construction, if you ride on the tape, as there is a possibility that you slip off, Do not make such a conduct.
- When storing it, avoiding direct sunlight and keeping the original packaging form, please make it in the room where temp/humidity is controlled under 10-30 degree C, 30-80% RH at ordinary pressure.
- When it is stored with horizontal storage, it is easy to lead to deformation or blocking. So, please never fail to store with vertical storage.
- This tape will react by air, UV. So, please use it up after you opened.
- Contact information... Technical support center T-FOX
E-mail : tfox@nitto.co.jp TEL : 0532-41-7838 FAX:0532-41-8446

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