

SELF-ADHERING ANTI-CORROSION TAPE

FOR ELECTRICITY AND GAS PIPE COATING

Features

Features Self-adhering anti-corrosion tape made with Megaflex modified Asphalt, including SBS thermoplastic elastomers. It is coated with high density polyethylene and additional central reinforcement framework. Its inner side contains a peel-ply silicone coated polyethylene foil that protects the adhesive layer.

The POWER STICK self-adhering tape (APPROVED FOR GAS) is highly flexible and adaptable. This, combined with its excellent waterproof and anti-corrosion properties, make this product the ideal protection for gas pipes and other metal ducts.

POWER STICK (APPROVED FOR GAS) has been certified by IRAM (the Argentine Institute of Standardization and Certification) and approved by ENARGAS (the local Gas Regulating Entity), so that it can be used as an anti-corrosion coating for all types of gas piping. It is ideal for coating high pressure ducts, medium and low pressure pipelines, internal domestic networks, welded joints, and distribution networks. Its excellent adaptability is ensured even for all kinds of accessories, such as elbows, flanges, reductions, etc.

It can also be used as an anti-corrosion protection for pipes in general, for any metal parts which are buried or embedded and/or exposed to a humid environment, as it will prevent them from decaying or being damaged due to corrosion.

Moreover, POWER STICK (APPROVED FOR GAS) has a high dielectric resistance. The POWER STICK self-adhering tape (APPROVED FOR GAS) can be installed either manually or using a machine.

Advantages

Protection of pipelines against corrosion and abrasion

Maximum adhesion

Maximum flexibility and adaptability

Unique Double Asphalt Surface

Quick and easy installation

Cold applied.

How Supplied

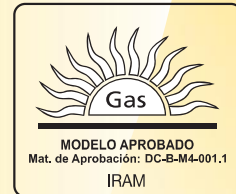
5 cm x 10 m

5 cm x 25 m

10 cm x 10 m

15 cm x 25 m

25 cm x 25 m



**UNIQUE
DOUBLE
ASPHALT
SURFACE**



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Images are only illustrative

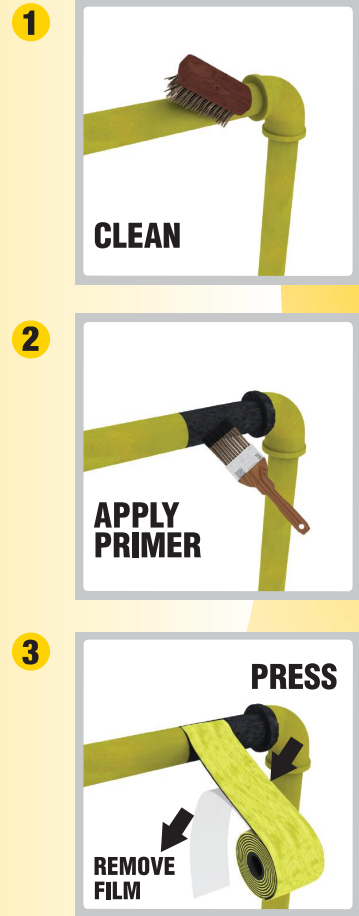
POWER STICK

POWER STICK is a technological innovation developed by MEGAFLEX, and identifies the line of products made with Megaflex elastomeric asphalt.

POWER STICK confers these products optimum adhesion to all surfaces, making the installation easier and increasing its efficacy and durability.

INSTALLATION

- 1 InstallationSurface Preparation:** Make sure the application surface should be dry, clean, and steady. Remove oils, grease or release agents from the surface.
* The cleaning system must be in agreement with the local regulation authorities.
- 2 Priming** Please prime the application area with Solvent Based MEGAFLEX ASPHALT PAINT. Paint a smooth layer of primer and let dry.
- 3 Installation** Remove the peel-ply silicone coated polyethylene foil and wrap the pipe or metal piece in a helical or spiral fashion, making sure the tape is taut throughout, and overlaps by 50% in every turn. Press the tape gently as you apply it, in order to remove any air bubbles or wrinkles.

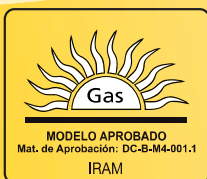


Requirements Table

Required Gas-Approved Tape per Lineal Meter of Piping					
Tube Nominal Diameter		Tape width	Minimum overlapping	Single overlap	Doble coverage
Inches	mm	mm	mm	m2/ml	m2/ml
1/2	13	50	13	0,091	0,134
3/4	19	50	13	0,113	0,168
1	25	50	13	0,142	0,211
1 1/2	38	100	13	0,174	0,303
2	51	100	19	0,234	0,380
3	76	100	19	0,345	0,559
4	102	150	19	0,411	0,718
6	152	150	19	0,606	1,058
8	203	150	19	0,789	1,377
10	254	250	19	0,928	1,715
12	305	250	19	1,101	2,035
14	356	250	19	1,209	2,234
16	406	250	19	1,382	2,553
18	457	250	25	1,596	2,873
20	508	250	25	1,773	3,192
24	610	250	25	2,128	3,830
30	762	250	25	2,660	4,788
36	914	250	25	3,192	5,745

Test Table

PROPERTIES	TEST METHOD	VALUE
Coating Film		Polyethilene
Film Thickness Compound	ASTM-D 1000	0.18 mm +/- 0.01 mm SBS elastomer-modified bitumen
Compound thickness	ASTM-D 1000	1 mm (min)
Overall thickness	ASTM-D 1000	1.20 mm (min)
Resistance to tension	ASTM-D 1000/D882	33 N/cm (min)
Stretch upon cracking	ASTM-D 1000/D882	575 % (min)
Adhesion to base film	DIN 30.672	20 N/cm (min)
Adhesion to printed steel	DIN 30.6720	22 N/cm (min)
Cathodic disboundment	P.A. 254-01 Gas del Estado	Satisfactory
Formability		Excellent
Dielectric strength	ASTM-D 1000	15,000 V/mm (min)
Specific resistance	DIN 30.672	Satisfactory
Water vapor transmission	ASTM E96	0.5 g/m2day (max)
Water absorption	ASTM-D 570	0.1% (max)
Waterproofing resistance in high humidity conditions	ASTM-D 1000/D 257	1000.000 Mohms (min)



MK106.R16.REV2