

Repair Patch & PE Melt Stick:



Description:

It can provide the entire roll of repairing sheet, generally 200mm, 250mm wide, 25 meters long in one roll, and the thickness is 2.0mm and 2.5mm.

The customer cuts the patch of the corresponding size according to the damage of the pipe body's anti-corrosion layer, and it is better to use it with the hot melt glue stick (CLO).

Product properties:

No.	Property	Test	Test according
1	Tensile Strength(MPa)	≥ 17	GB/T1040
2	Elongation at break (%)	≥ 400	GB/T1040
3	Vicat softening point (°C)	≥ 90	GB/T1633
4	Embrittlement temperature (°C)	≤ -65	GB/T5470
5	Electric strength (MV/m)	≥ 25	GB/T1408
6	Volume resistivity (Ω·m)	≥ 1013	GB/T1410
7	Resistance to environmental stress cracking (F50) (h)	≥ 1000	GB/T1842
8	Resistant to chemical corrosion (immersion for 7 days) (%) 10%HCL 10%NaOH 10%NaCL	≥ 85 ≥ 85 ≥ 85	SY/T0413-2002 appendix D
9	Heat aging (150°C,168h) Tensile strength (MPa) Elongation at break (%)	≥ 14 ≥ 300	GB/T1040

Adhesive properties:

No.	Item	Index	Test according
1	Softening point (ring and ball method) (°C) when the maximum design temperature is 50°C, when the maximum design temperature is 70°C	≥90 ≥110	GB/T4507
2	Embrittlement temperature (°C)	≤ -15	SY/T0413-2002
3	Lap shear strength (MPa) (23°C)	≥ 1.0	GB/T7124
4	Peel strength Heat shrinkable tape/polyethylene layer 23±2°C	≥ 70	GB/T2792

5	(N/cm) (cohesive failure)	Heat shrinkable tape/epoxy primer steel 23±2°C	≥ 70	GB/T2792
		Heat shrinkable sleeve (belt)/steel 23±2°C	≥ 70	

Service Life: More than 30 years

Normal Packing: Carton (Maximum 45kg)

Storage Condition:

- To ensure maximum performance, Dasheng products in a dry, ventilated area.
- Keep products sealed in original cartons and avoid exposure to direct sunlight, rain, snow, dust or other adverse environmental elements.
- Avoid prolonged storage at temperatures above 40°C or below -20°C.
- Product installation should be done in accordance with local health and safety regulations.

Shelf Life: 2 years, under correct storage condition.

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