Kebu Petro-Tape A303
PRODUCTDATASHEET

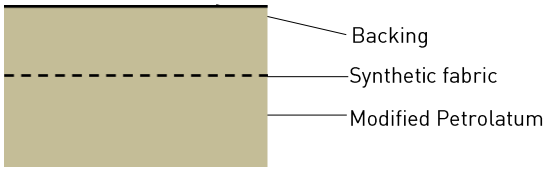
- Cold-applied corrosion protection tape
- Low permeability to moisture

Kebu Petro-Tape A303 is a cold-applied corrosion protection tape. When applied in three layers the Kebu Petro-Tape A303 meets the requirements of DIN EN 12068 and DIN 30672, load class A at a maximum operating temperature of 30 °C.

The Kebu Petro-Tape A303 consists of petrolatum modified with polyolefins, synthetic fabric liner and polyethylene backing. The tape provides outstanding adhesive power and elasticity as well as improved drip resistance.
The coated polyethylene has a low permeability to moisture and prevents the plastic from being washed out by changing water table.
The mechanical properties can be significant improved by using a mechanical outer layer like Kebulen-Tape PE 0,25, Kebulen-Tape PE 0,40 or Kebu Rockshield.

STRUCTURE

Made of modified petrolatums, synthetic fabric liner (100 g/m²) and a polyethylene backing. Kebu Petro-Tape A303 does not require any solvent-based primer.



COATING

The Kebu Petro-Tape A303 is compatible with factory coatings of PE, PP, epoxy resin, PU and bitumen. It can be used for **Field Joint Coating, Coating Rehabilitation and Coating Repair**. Kebu Petro-Tape A303 is also suitable for marine use in combination with the underwater primer Kebu Priming Paste Special.

FORMS OF DELIVERY

Other dimensions on demand

	Length of roll [m]	Width of roll [mm]	Rolls per box [-]	Content of box [m²]
Kebu Petro-Tape A303	10	50	24	12
	10	100	12	12
	10	150	8	12
	10	200	8	16

Standard classification:
DIN EN 12 068 – A 30,
DIN 30 672 – A30

DIN-DVGW-Reg.-Nr.: NV-5180BM0503

Approved by: Open Grid Europe The Gas Wheel, GASCADE, gasunie

Preserving **values.**

ORIGINAL kebu®

Kebu Petro-Tape A303
PRODUCTDATASHEET

PROPERTIES TAPES OF KEBU Petro-Tape A303

Property	Unit	Required values EN 12068	Typical values
Impact resistance	J	⩾ 4	> 4
Indentation resistance Residual layer thickness at 23 °C	mm	⩾ 0.6	⩾ 3
Specific electric insulation resistance	Ω*m²	⩾ 10^{6}	⩾ 10^{9}
Cathodic disbondment at 23 °C	mm	⩽ 20	⩽ 10
Peel strength - Tape must be adhesive - Full contact to the cleaned surface - Mass on the surface after peeling	-	Adhesive	Proofed
Low temperature unrolling test at – 5 °C	-	No separations or cracks	Proofed
Drip resistance at + 50 C	-	No dripping	No dripping
Thermal aging resistance to the effects of sodium hydroxide solution at + 50 °C - Tensile resistance after 100 d in H_2O - Tensile resistance after 100 d in NaOH	 N/mm N/mm	 - -	 > 30 > 30
Number of layers	-		3 or 4
Coating thickness	mm		≈ 4,5

APPLICATION

The area to be coated and about 10 mm of the factory coating adjacent to the cutback area must be dry and free of any traces of rust and dirt. If necessary dry the surface by using a propane torch and wire-brush the area. There is no need to preheat the area.
If desired, Kebu Petro-Tape A303 can be used with Kebu Priming Paste or Kebu Priming Paste Special. If it isn't possible to dry the surface, Kebu Priming Paste should be applied in advance of the Kebu Petro-Tape A303.
In general, Kebu Petro Tape A303 can be used without a primer.
Kebu Petro-Tape A303 is applied in three layers. Start applying the first layer with a full circumferential wrap on about 50 mm of the factory coating. Proceed with little overlapping and end with a full circumferential wrap on about 50 mm of the factory coating. Apply the second layer like the first one but with a minimum overlap of 50 %. Continue wrapping in this manner until complete. After each layer take care to ensure that all overlaps are tight. Press the outer side of the tape firmly with your palms to smooth the surface.
With Kebu Petro-Tape A303 you can also wrap valves, flanges etc. in high pressure gas networks. With at least four layers the coatings meet the requirements of DIN 30675, part 1, issue 1992, table 2. Coating areas likely to build voids must be filled with Kebu Plast Mastic beforehand. After high voltage test apply Kebu Rockshield PP500/1000.

COMPLEMENTARY PRODUCTS

Kebu Plast Mastic: Filling compound based on petrolatum to fill in void risk areas.
Kebu Priming Paste: Petrolatum based priming compound for the preparation of wet surfaces.
Kebu Priming Paste Special: Petrolatum based priming compound for underwater applications.
Kebu Rockshield: Additional mechanical protection (non-woven PP) for coated pipes and valves or for buried plastic.

Kebulin-Gesellschaft Kettler GmbH & Co. KG
Ostring 9 | D-45701 Herten-Westerholt | Postfach 61 80 | D-45684 Herten
Tel. +49 209 9615-0 | Fax +49 209 9615-0 | info@kebu.de | www.kebu.de