

# 0161019 SELF-FUSING TAPE

## Tape structure:

Backing: PIB rubber

## Product Description:

Highly flexible insulating tape made of special PIB rubber. The tape has excellent electrical and physical properties, which allow it to “sinter” fast into homogeneous mass without the influence of heat. Tape does not have adhesive layer. The tape is highly resistant to prolonged exposure to water and is suited for complex surfaces.

## Features:

- Non-vulcanizing and highly conformable
- Physical and electrical properties are unaffected by the degree of stretch
- Can be stretched up to 800% to make void-free
- Moisture-resistant insulation, self-amalgamating tape
- Excellent electrical properties

## Main Application:

It is primarily used for electrical insulation and sealing of cables and connections, even at high voltages, due to its excellent electrical properties and ability to self-amalgamate into a homogeneous mass. It's also widely applied for waterproofing and corrosion protection of metal pipes and various electrical components, offering strong resistance to prolonged water exposure. Its conformability allows for effective application on complex and irregular surfaces, making it suitable for versatile repairs and seals in challenging environments.



## Technical information:

Properties	Units	Specification	Test method
Total thickness	mm	0.76	ASTM D-1000
Tensile strength	N/cm	19	ASTM D-1000
Elongation at break	%	600	ASTM D-1000
Operating temperature	°C	max +90	ASTM E119
Flame retardancy		PASS	ASTM E119
Dielectric strength	kv/mm	10	LV 312

## Color:



## SHELF LIFE AND STORAGE

Tapes should be used within 12 months when stored in original carton at 23 °C and max. 50 % relative humidity. We recommend a storage temperature between 15 and 25 °C. The product should not be directly exposed to heat or humidity. The product should be conditioned to room temperature before use

## IMPORTANT NOTICE TO PURCHASER

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