



# PLATON SEALING TAPE & ROPE

## KEY FEATURES

- Based on a blend of butyl and other rubbers, this versatile strip sealant has good tack and adhesion to most common surfaces whilst having good movement accommodation.
- Approved for use with potable water.
- Standard colour – Grey

## PERFORMANCE

The following performance data assumes good joint design. For non-standard situations refer to Technical Services Department.

- MOVEMENT ACCOMMODATION:  $\pm 10\%$  when used in lap and cover joints.
- ADHESION: has good surface tack and adheres well to most building materials.
- TENSILE STRENGTH: 95Kpa.
- SHEAR STRENGTH: 37Kpa.
- COMPRESSION (force required to compress by 20%): 200Kpa
- UV LIGHT RESISTANCE: Very Good.
- CHEMICAL RESISTANCE: Good to diluted acids and alkalis. Not recommended for extreme chemical exposure.
- SERVICE TEMPERATURE RANGE:  $-20^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$ .
- EXPECTED LIFE: P5 Sealing Tape & Rope is a durable material and can have a life in excess of 20 years depending on the service temperature and joint design.
- SHELF LIFE: 1 year.
- ELONGATION OF BREAK: 340%.
- Approved for use with potable water WRC Approval No. 9705502

	UNIT	NOMINAL VALUE	TEST METHOD
Dynamic Tensile Adhesion	N/cm <sup>2</sup>	18	H5
Dynamic Shear Adhesion	N/cm <sup>2</sup>	14	H15
90° Peel Adhesion	N/cm	7	H48
180° Peel Adhesion	N/cm	11	H41
Specific Gravity	g/cm <sup>3</sup>	1.6	H6
Moisture Vapour Transmission Rate	g/m <sup>2</sup> /24hr/mm	0.24	ISO9932 / BS ISO 15106
Service Temperature Range	°C	-40 to +90	

## APPLICATION

- SURFACE PREPARATION: All surfaces should be clean, dry and free from frost, grease and loose material.
- APPLICATION DETAILS: Should be applied directly from the reel onto one surface pressing sufficiently to ensure adequate initial adhesion. Remove backing paper and apply other surface onto P5 Sealing Tape and Rope pushing firmly to ensure good contact with full area of strip along the length of the joint.
- APPLICATION TEMPERATURE RANGE:  $+5^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ .
- PRIMING: Primers are not required for good adhesion to most surfaces.

## PACKAGING

- Single strand reels on silicone release paper.
- Metres per reel and reels per carton depends on the thickness and width respectively.
- TOLERANCE: Thickness:  $\pm 10\%$   
Width: up to 15mm  $\pm 1\text{mm}$   
15-25mm  $\pm 1.5\text{mm}$   
over 25mm  $\pm 2\text{mm}$
- Bead sections available in 10mm diameter.
- TOLERANCE: Thickness: nominal to nominal less 12%  
Width: nominal to nominal plus 12%



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#### **HEALTH & SAFETY**

- There are no known health hazards associated with P5 Sealing Tape/Rope in normal use.
- Wash hands immediately after use.

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#### **Triton Contact Details:**

Triton Chemical Manufacturing Co Ltd T/a Triton Systems  
Units 3-5 Greyhound Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF

Tel: 01322 318830

Fax: 01322 524017

Email: [info@tritonsystems.co.uk](mailto:info@tritonsystems.co.uk)  
[www.tritonsystems.co.uk](http://www.tritonsystems.co.uk)