

Aramid Fibre Tape is a tough, strong and flexible tape that is able to withstand extremely demanding physical stress and high temperatures. It is manufactured from fibreglass core yarn coated with aramid fibres. Identifiable by its distinctive yellow colour, this tape can withstand temperatures up to 340°C.

Aramid Fibre Tape has excellent abrasion resistance, high tensile strength and non-stretch characteristics. Despite its toughness, this woven tape is still lightweight and highly flexible. It can tolerate a wide range of chemicals and possesses good mildew resistance.

Our Aramid Fibre Tape is manufactured in the USA and is inherently flame retardant.



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Applications

- Pipe and hose insulation and lagging in areas where high abrasion resistance is required
- Making wicks for fire twirling equipment
- Oven door sealing
- Strapping and wrapping in elevated temperatures
- High temperature gaskets and seals
- Making expansion joints and bellows
- General thermal insulation
- Electrical insulation

Technical Details

Property	Value
Basis	Aramid / Fibreglass
Adhesive	No
Colour	Yellow
Maximum Operating Temperature	-46°C to +340°C
Abrasion Resistance	Excellent
Strength Retention @ 260°C	54%
Weight Loss @ 340°C	2%
Chemical and Corrosion Resistance	Good

Tape Thickness	Minimum Strength in Lengthwise Direction	Abrasion Resistance Test (ASTM D1175 with modifications)	
		Lengthwise Direction (Warp)	Across the Tape (Fill)
0.8mm	72.73 kg's	3.1%	9.4%
1.5mm	193.2 kg's	7.7%	10%
3mm	318.2 kg's	14.9%	8.8%

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Available Sizes

We're pleased to be able to offer our Aramid Fibre Tape in a selection of sizes. All sizes are available by the lineal metre and by the roll so you can buy just the amount you need.

Standard Sizes

- 0.8mm Thick x 25mm Wide
- 0.8mm Thick x 50mm Wide
- 1.5mm Thick x 25mm Wide
- 1.5mm Thick x 50mm Wide
- 3mm Thick x 25mm Wide
- 3mm Thick x 40mm Wide
- 3mm Thick x 50mm Wide
- 3mm Thick x 75mm Wide

Full rolls for all sizes are 30 Metres Long and all are also available by the metre.

We're always happy to help with special requirements. If the size you require for your project isn't listed here please do reach out to us. We'll do our very best to help in any way we can.

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