

How to identify the size of belt needed?

Vapormatic hold in stock three main size of belts, these are 10mm, 13mm and 17mm (3/8", 1/2" and 5/8") as well as a selection of special sized belts for certain OEM makes.

To identify which belt you need, simply measure the top width and the outside circumference of the current belt. If the original belt is damaged or unavailable, you will need to measure the width of one of the pulleys and run a tape around the pulleys where the belt runs to get the belt length needed.

Alternatively, you can also use the mower make and model/reference, if known, to find the right belt size or manufacturers part number.

Summary of range

Belt section		Depth	Length of belt range
Metric	Imperial		
3L (10mm)	Z (3/8")	6mm	28mm – 4064mm
4L (13mm)	A (1/2")	8mm	381mm – 4928mm
5L (17mm)	B (5/8")	10mm	533mm – 5588mm
AA (13mm)	-	10mm	1143mm – 9525mm
HTD (Double sided timing belts)		Various	Various



Working in partnership with PIX to deliver quality belts



- Garden Tractors ● Riding Lawn Mowers
- Commercial Mowers ● Walk Behind Lawn Mowers
- Blowers ● Compost Equipment ● Tillers
- Chippers/Shredders ● Sprayers ● Lawn Edgers

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Lawn and Garden Belts



A comprehensive range of high quality Kevlar® Belts

Why Vapormatic?

Offering one of the most comprehensive ranges of replacement parts in the world, the Vapormatic Company has been at the forefront of supplying quality parts and accessories to the agricultural and horticultural industries for 60 years.

In partnership with Pix, recognised as one of the world's leading manufacturers of Lawn and Garden belts, Vapormatic offers a tremendous range of over 400 sizes of belt all in stock, ready and waiting to be despatched on a next day delivery basis, as required.

This range and availability is supported by strict quality control processes to maintain our high standards of product performance, in house technical expertise and advice to support our customer needs.

Alongside these belts, Vapormatic also offers a range of oils and service tools dedicated to the horticultural market.

Quality belts

Lawn and garden machinery typically have drive via multiple pulleys and idlers which are operated by a clutching action. This specific application where clutching, shock loading and zero elongation are critical factors, demands expertise in design and manufacturing processes.

All belts offered by Vapormatic are constructed from Kevlar® cord with a special dry cotton wrap. This high quality material provides:

- A lower variation in length tolerance
- An even power transmission
- Longer life expectancy (when fitted correctly and used under normal working conditions)
- Reduces risk of breakage

Why Kevlar®?

Kevlar® corded lawn and garden belts are extremely popular due to their extreme strength, durability and the value they offer.

Sometimes called Aramid or extra-heavy duty belts, Kevlar® belts are constructed of organic polyaramide fibres that are manufactured using complex chemical processes. Kevlar® is used in these belts as a tension member because of its inherent stability and high tensile strength.

Polyester/Kevlar® stretch comparison

Cord	Tensile strength lbs/in	Elongation at break
Polyester	162000	14%
Kevlar®	400000 ✓	4% ✓

Features and benefits of Kevlar® constructed belts

- A lower variation in length tolerance. Eliminates the need for retensioning while offering high tensile strength, non-extensibility and high resistance to shockloads.
- Double wrap of special fabric ensures, high resistance to wear and tear and reduced slippage while clutching.
- Belt characteristics ensure, high resistance to repeated reverse flexing and high resistance to oil, heat and cracking.

Kevlar® constructed belts are specifically used on applications where high levels of power transmission are required, where there are restrictions on the drive width and/or where the drive is critical.

This makes Kevlar® constructed belts highly appropriate for:-

