PRODUCT DATA SHEET

KBR-HD50-OR
Issue 2 – November 2026

A 3-ply petrol green PVC conveyor belt, 5.0mm thick with a smooth matt conveying surface. Minimum pulley Ø100mm. Cut and joined to your size by KBR Conveyor Sections.

Product	3-Ply Heavy Duty Oil Resistant Belt 5.0mm
KBR reference	KBR-HD50-OR
Belt family	Heavy Duty 3-Ply Belts – Thick 3-ply belts for heavy, abrasive or oily loads, and bowling alley ball return conveyors.
Typical uses	Heavy, abrasive or oily products; bowling alley ball returns
Availability	Standard range – cut to size
Enquiries	01952 583 837 | sales@conveyorsections.co.uk

CONSTRUCTION	
Property	**Value**
Top cover material	PVC, oil resistant
Top cover thickness	–
Top surface	Smooth matt
Top cover colour	Petrol green
Top cover hardness	approx. 70° Shore A
Fabric	Polyester (PES), 3-ply
Fabric feature	Rigid, heavy duty
Running side	Polyester fabric
Running side colour	Natural

TECHNICAL DATA			
Property	**Value**	**Property**	**Value**
Total thickness	5.0mm	**Minimum pulley Ø**	100mm
Weight	approx. 5.8 kg/m²	**Slider bed**	Yes
Force at 1% elongation	approx. 24 N/mm	**Roller bed**	Yes
Temperature range	-10°C to +80°C	**Curved / troughable**	No / No

Values marked approx. are typical for this belt type. Exact figures are confirmed with your quotation.

CONFORMITIES	
Standard / property	**Status**
Food contact – EC 1935/2004 / EU 10/2011	On request
FDA (food contact)	On request
REACH / RoHS	Yes
Antistatic	On request
Flame retardant (ISO 340)	No

OPTIONS, LEAD TIME & DELIVERY

Size	Cut to your width and length
Joins	Vulcanised endless (finger joint), mechanical fastener or open length
Extras	Underside tracking guides, flights / cleats and sidewalls, fitted to order
Lead time	Depends on the specification: typically 5–7 working days for a standard belt and 10–15 working days for a complex belt with flights or sidewalls. Lead times can vary.
Fitting	Belts are generally supply only, ready for you to fit. We can arrange fitting by a contractor on request.
Delivery and terms	UK courier delivery, quoted with your belt. Made to order to your size and non-returnable.
Samples	Belt samples can be ordered online before you buy.

WHAT WE NEED FOR A QUOTE

- Belt reference (or the markings / a photo of your old belt)
- Belt width and length – and whether the length is the endless (round) length or an open length
- Join type: vulcanised endless, mechanical fastener or open length
- Any tracking guide (size and position), flights or sidewalls
- Quantity, conveyor make and model, and your delivery postcode

NOTES

- Figures are typical values for guidance. Please check the belt suits your application before ordering.
- The minimum pulley diameter is for the plain belt. Tracking guides, flights and sidewalls may need larger pulleys.
- To measure a belt, mark the edge and measure round until the mark returns. Tell us if the tensioners are fully wound out.

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