

CHEVRON & PROFILED BELTING

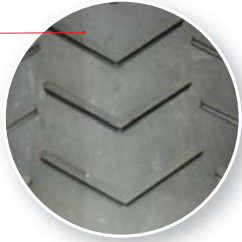
1. Chevron Belt

A wide range of fabric reinforced, chevron patterned belts that feature integrally manufactured cleat designs, widths and heights. An excellent choice for conveying various materials at steep angles, preventing load slip or product roll back, on the belt carry cover surface.



2. 6" Multi-V

A range of fabric reinforced, 6" Multi-V patterned belts with an overlapping cleat design that allows smooth belt travel over return idlers, and offers the ability to increase conveyor capacity.

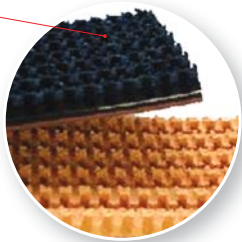


3. Rough Top Belt

Profiled belts in rough top type variations that provide thousands of flexible gripping fingers on the belt carry side to hold the conveyed loads on the gradients.

Special designs to suit particular applications on request.

A bareback bottom belt side to minimise friction can also be supplied.



✓ Chevron Features & Benefits

- Prevents load slip or product roll back making it an excellent choice for high capacity conveying at steep angles
- Separation risk of the profiles from the top cover rubber is eliminated by the chevron patterns being integrally hot moulded during the manufacturing process
- An extensive range of chevron designs and patterns are available, to meet specific conveying demands
- Longer lasting profiles due to elastic rubber compound characteristics for flexibility and fatigue resistance
- Good drainage properties in wet applications
- Pattern design flexibility caters for various materials and numerous incline angles and conveying needs

✓ 6" Multi-V Features & Benefits

- Pattern designed to transfer free flowing materials
- Overlapping cleat design allows smooth belt travel over return idlers, and offers the ability to increase conveyor capacity

✓ Rough Top Features & Benefits

- Suited for transporting lightweight goods on a horizontal plane or incline / decline
- Flexible gripping fingers make this product ideal for fragile materials and packed goods
- Low friction coefficient values on the bottom side from the bareback finish make the range ideal for running over a smooth surface or flat panel slider-bed setup
- Impact absorption and slip prevention as a result of the belt carry side design
- Variety of colours available to suit the industry needs or application preference. Black for industrial or utility incline applications, with tan or green colour for packaged goods where an odourless, non-toxic, and non-marking belt is essential

✓ Quality & Standards

Double Arrow's range is manufactured at our ISO 9001 accredited production facilities in compliance to the relevant technical standards and specification requirements.

All products are strictly quality controlled through the manufacturing process, and upon completion, fully tested at our on-site laboratory according to the internationally recognised test methods such as AS1334, AS1683, ISO, DIN, ASTM, and other.

Double Arrow Chevron belting conforms to and exceeds:

- Australian Standard 1332
- Other on case by case



✓ Range & Capabilities

Double Arrow offers a wide range of chevron and profiled belting suitable for mining and industrial conveying of various materials.

Maximum belt widths:

- Chevron ~ 1500mm wide, however, width limitations may exist subject to profile design and configuration
- 6" Multi-V ~ 1800mm wide
- Rough Top ~ 2000mm wide

Chevron Configurations:

- Cleat heights from 5mm to 32mm dependent on the profile selected
- Open V, Closed V, Bull Horn, Open Y, Closed Y, and special cleat design patterns

Strategically located chevron conveyor belt stock in certain specifications and profile configurations is available.

Belt selection assistance is offered to determine the type of chevron and cleat pattern required, depending on the material and conveying angle of the system.

✓ Cover Compounds

Rubber Cover Grade	Minimum Tensile Strength (MPa)	Minimum Elongation at break (%)	Maximum Abrasion loss (mm ³)
AS-N	17	400	200
AS-E	14	300	250
FR-A	12	400	300
MOR	14	400	250
HR120	14	600	200

NOTES: Our "TYPICAL" cover compound properties well surpass the specification requirements ~ further information available on request. Special compound blends are available to suit application demands.

✓ For Diversified Materials Handling Industries such as:

Chevron

- Bagged Materials
- Road Construction
- Coal and Ores
- Sand and Gravel
- Fine Coal and Grains
- Wood Chips
- Heavy Duty Scrap Metal
- Recycling Plants

6" Multi-V

- Aggregate
- Bark and Wood Chips
- Fertilizers
- Cement Products
- Glass and Recycling
- Grains
- Sand Plants
- Minerals

Rough Top

- Product bagging plants
- Baggage handling facilities
- Package handling facilities

