

Impact Resistant Belt Range



In most industries and especially in the Parcel Sortation and Airport Baggage Handling Systems, Ammeraal Beltech has the application knowledge and product range to be a perfect partner of choice.

For applications where additional durability is important, Ammeraal Beltech has the perfect solution - Impact Resistant belts. With a strengthened fabric inner layer, these belts are able to fulfill the application needs and provide a longer lifetime with lower energy consumption in rough conditions.

Main features

- Strong, very durable
- Excellent lateral stability
- Excellent tear resistance & lace retention
- Lower noise and more durability coming from a new tougher weave design

Typical applications

- Bulk & singulated conveyance
- Automated sortation
- Collection, sortation & accumulation
- Transportation
- Incline/decline transportation
- Telescopic unloaders

Benefits

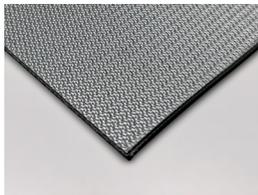
- Easy handling of heavy loads
- High speed compatibility
- Low elongation of the belt and therefore no re-tensioning needed on most applications
- Good running performance and tracking properties
- Less downtime due to excellent retention of mechanical fasteners
- Reduced tears & gouges
- Energy efficiency

Ammeraal Beltech solution for High Speed Bulk Sortation & Collection

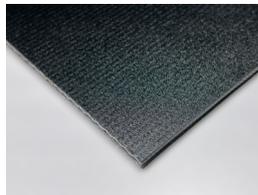
Modern Logistics centers are moving from manual sorting to high-speed automated systems. This transition requires better wear resistance and longer lasting belts to transport heavier loads at ever higher speeds. Ammeraal Beltech introduces Ropanol EX 20/3 0+00 black AS FR IR, a 3-ply carcass construction with low noise fabric top and bottom over a strengthened impact resistant (IR) inner layer.

Ammeraal Beltech's new Sortation & Collection belt can replace a conventional rubber belt for manual sortation applications, a welcome cost relief in a post-pandemic inflationary world.

Look no further than Ammeraal Beltech's Impact Resistant range when searching for robust and energy efficient belts. High Impact Resistant range is truly the industry's work-horse where uptime and high-performance demands are a must.



Bottom EX fabric



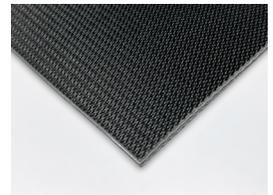
Top side M2 matte finish
(576231 - 589514)



A32 longitudinal rib
(576242)



Impregnated, Friction
Surface Flexam (589512)

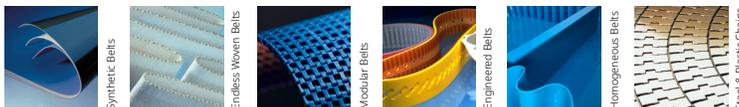


Impregnated, Low Friction
Ropanol (576810)

High Impact Resistant Belt Range - Technical information

Item	Belt Description	Thickness [mm]	Weight [kg/m ²]	Force at 1% elongation [N/mm]	Flexing/back flexing diameter [mm]	Applications			
						Transport	Incline/decline >8°	Accumulation, Sortation, Collection	Unloaders
589512	Flexam EX 10/2 0+01 black AS IR	3.0	3.3	10	60 70	●			
576231	Flexam EX 10/2 0+05 black M2 AS IR	3.5	3.7	10	60 100	●			●
589514	Flexam EX 10/2 0+05 black M2 CR AS FR IR	3.5	3.7	10	60 100	●			●
576242	Flexam EX 10/2 0+A32 black AS IR	4.0	3.9	10	60 120		●		
576810	Ropanol EX 20/3 0+00 black AS FR IR	3.5	3.8	20	85 100			●	

M2 = matt finish; CR = cold resistant; AS = antistatic; FR = flame retardant according to ISO 340 or ASTM D378; IR = impact resistant



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