

# Impact Resistant Belt Range



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

For application where additional robustness is important, Ammeraal Beltech has the perfect solution - Impact Resistant belts. With 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.

#### **Typical applications**

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

#### **Main features**

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

#### **Benefits**

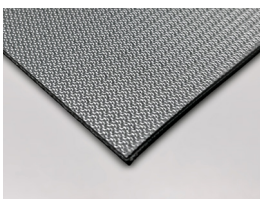
- Easy handling of heavy load
- High speed compatibility
- Low elongation of the belt and therefore no re-tensioning needed on most applications
- Good running performance and tracking properties
- Less downtime due to excellent retention of mechanical fasteners
- Reduced tears & gouges
- Energy efficiency

## Ammeraal Beltech solution for High Speed Bulk Sortation & Collection

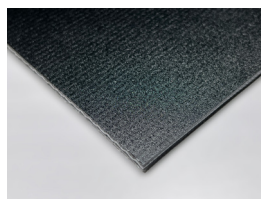
Modern Logistics centres are moving from manual sorting to high-speed automated systems. This transition requires greater robustness to carry heavier loads at ever higher speeds. Ammeraal Beltech introduces Ropanol EX (576810), a 3-ply carcass construction with low noise fabric top and bottom over a strengthened impact resistant (IR) inner layer.

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

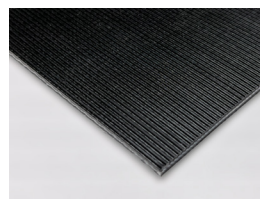
Look no further than Ammeraal Beltech Impact Resistant range when searching for robust and energy efficient belts. High Impact Resistant range is truly the industry's work-horse where uptime and high-performance demands are a must.



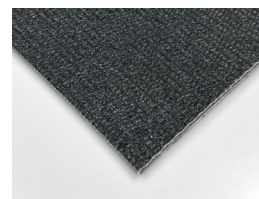
Bottom EX fabric



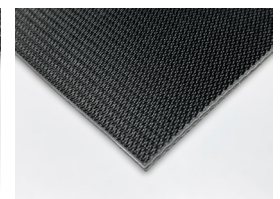
Top side smooth M2 matt finish (576601 - 589514)



A32 longitudinal rib (576652)



Impregnated Flexam (576610)

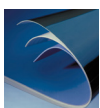


Impregnated Ropanol (576810)

## High Impact Resistant Belt Range - Technical information

Item	Belt Description	Thickness [mm]	Weight [kg/m <sup>2</sup> ]	Force at 1% elongation [N/mm]	Flexing/back flexing diameter [mm]	Applications			
						Transport	Incline/decline >8°	Accumulation, Sortation, Collection	Unloaders
576610	Flexam EX 10/2 0+01 black AS FR IR	3.0	3.3	10	60   70	●			
576601	Flexam EX 10/2 0+05 black M2 AS FR 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	●			●
576652	Flexam EX 10/2 0+A32 black AS FR 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			●	

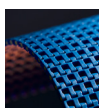
M2 = matt finish; CR = cold resistant; AS = antistatic; FR = flame retardant according to ISO 340/ASTM D378; IR = impact resistant



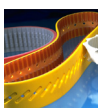
Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

**Expert advice and quality solutions for all your belting needs.**  
[ammeraalbeltech.com](http://ammeraalbeltech.com)

**Ammeraal Beltech**  
 P.O. Box 38  
 1700 AA Heerhugowaard  
 The Netherlands

T +31 (0)72 575 1212  
[info@ammeraalbeltech.com](mailto:info@ammeraalbeltech.com)