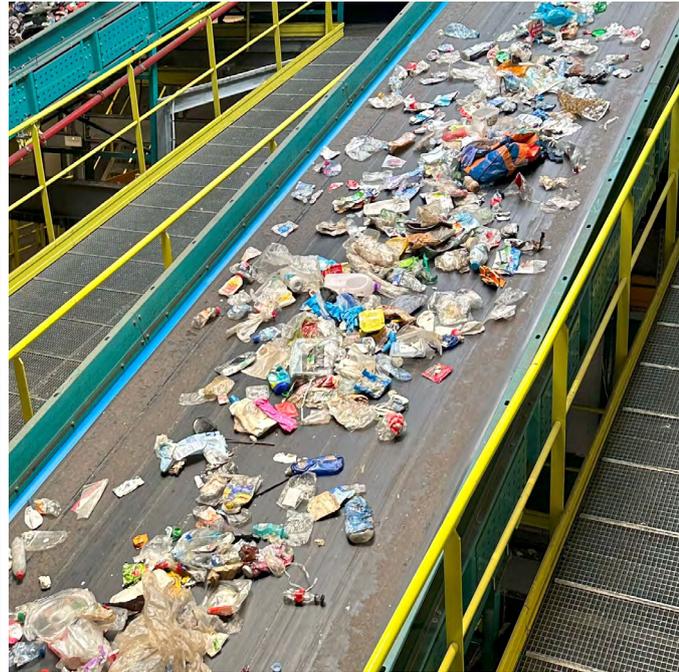
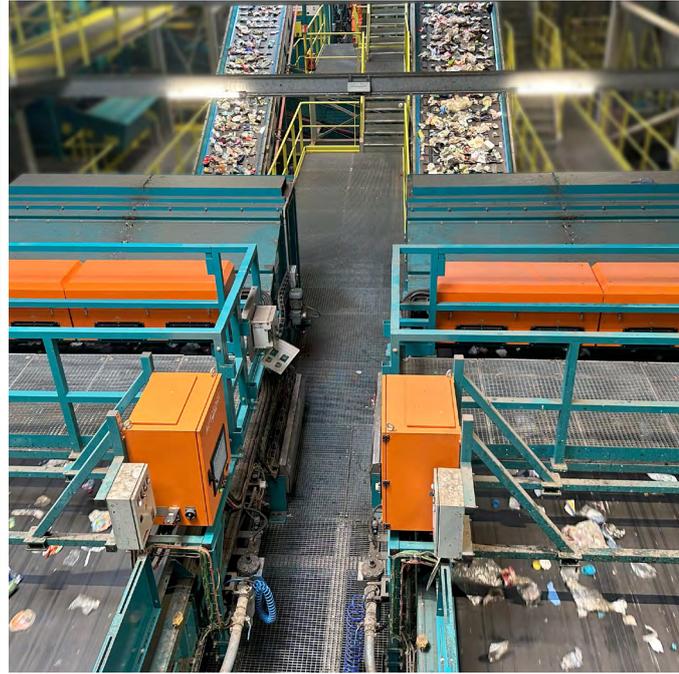


Belts and on-site service for the recycling industry





Knowing Your Production Processes

Growth **in the recycling industry** is due to increased awareness of both individuals and companies doing what is right to protect our environment. While metal is the most recycled material in the world, over the past 10 years the generation of paper, cardboard and plastic packaging has steadily increased creating urgent demands for more recycling processes.

Working closely with key OEM's throughout the world **Ammeraal Beltech has developed durable and reliable belting solutions** to address the entire range of applications found within solid waste recycling production processes.

Accepting the challenges collected through our customer interactions, Ammeraal Beltech innovation team developed belts that are chemical attack resistant, flame retardant and oil resistant, require cut and wear resistance and meet the load requirement of heavy product transfer.

Recycling is one of the most important goals of our society

Recycling conserves resources. When we recycle, used materials are converted into new products, reducing the need to consume natural resources. It saves energy and helps protect the environment. This 'life-cycle' process of a material is known as 'circular economy'.

Best in class on-site service



Excellent advice, products, fabrication and service

- Ammeraal Beltech offers a wide range of belting solutions and accessories to help you improve processes to secure a seamless operation.
- Skilled personnel are on call to install or repair belts, using professional equipment that is suitable for production plants.
- Most orders can be shipped directly from stock.



The digital era in splicing

With Maestro 2.0 splicing equipment, Ammeraal Beltech has leaped forward in the critical areas of the splicing process: high quality, efficiency, speed, precision, and ease of use. The compact design makes it easier to fit into a narrow installation area.

Its real strength? The connectivity!

- Modern integrated new controller with HMI screen
- Bluetooth functionality to communicate with your mobile device through a dedicated APP.



Why Ammeraal Beltech Solutions?

Advantages of lightweight belts



Energy Saving

PVC & PU belts are way lighter than standard rubber, less energy is then needed to move the belt



Less maintenance cost

As the belts are lighter, fewer constraints are applied to bearings, rollers, motors...

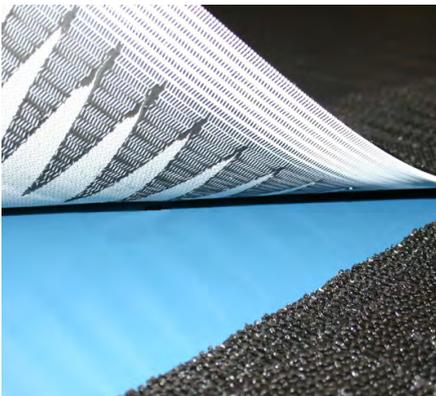


Shorter downtime

The replacement of PVC / PU is faster than rubber, 20 min heating, 20 min cooling and ready to start

Advantages of Ziplock Method

Ziplock is ideal for applications where belt replacement time is critical or in case of inaccessible locations. Only available for PVC or Ropan belts.



Increased operation time

- Minimum system downtime, belt installation in just minutes

Operational safety

- Silent splice, especially compared to mechanical fasteners
- No damage to conveyor or load on the belt
- Safe on-site installation, no heavy equipment needed

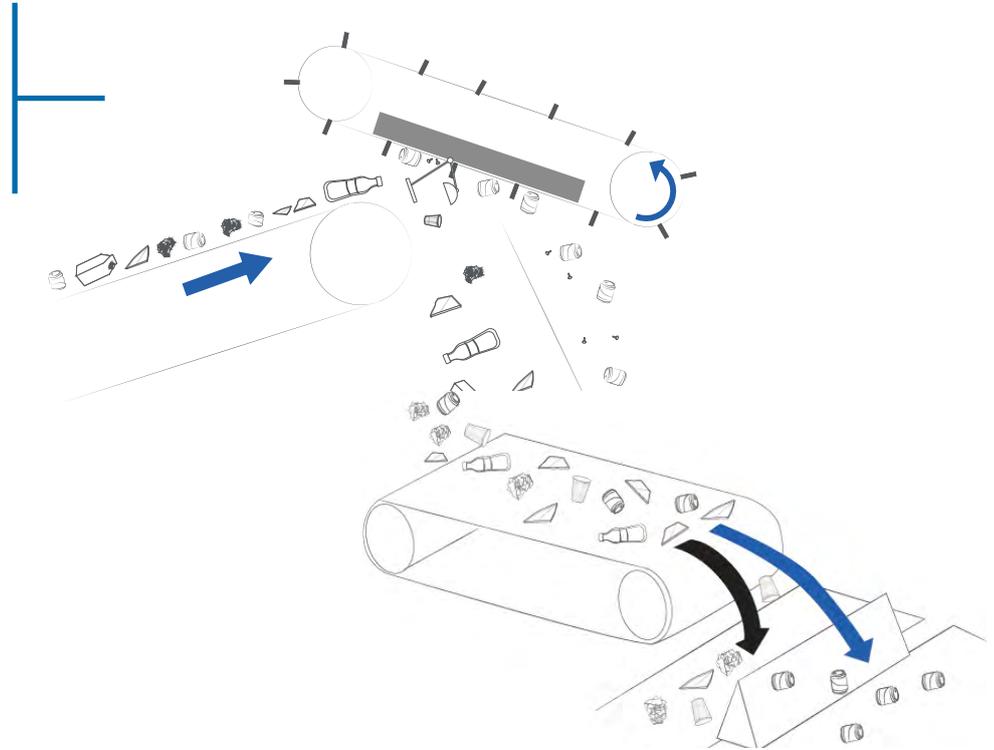
Economical use

- In-house splicing; no external belt installers required
- No need for splice presses, electricity, water, etc

Ammeraal Beltech Portfolio Will Bring You Reliability and Productivity

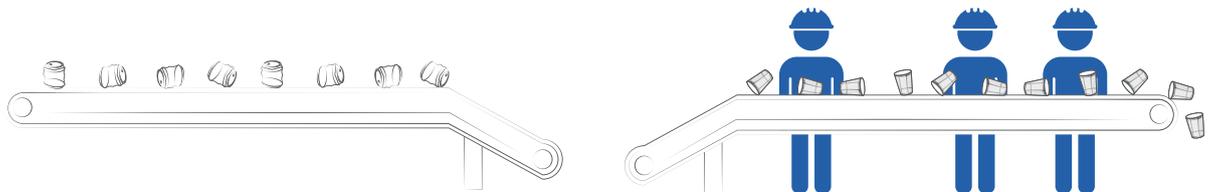
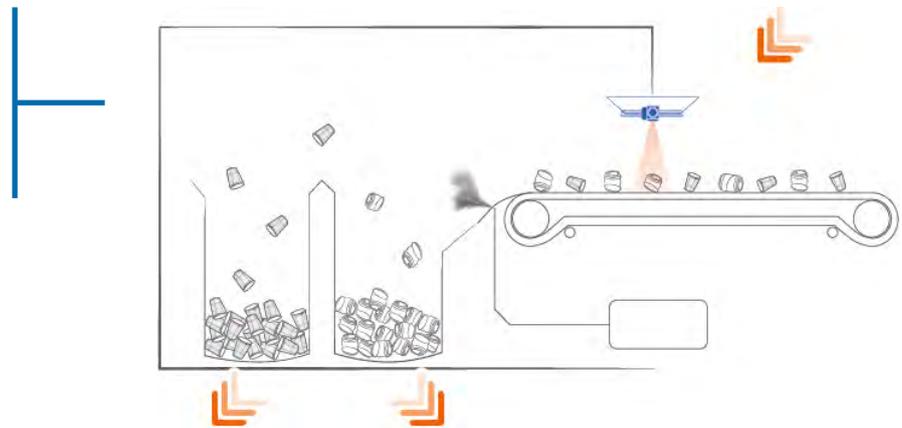
Overband & Eddy Current

Oil and fat resistant rubber belts with hot vulcanised cleats.



Optical Sorter

Ropanyl PU belts with abrasion resistant top cover for optimal productivity and energy saving.



General Conveying

Solid woven PVC belts for tear and cut plus oil and fat resistance.

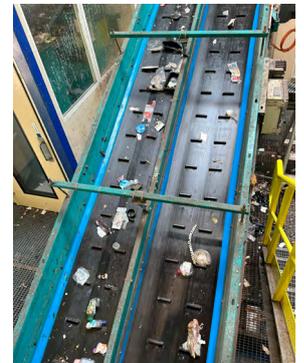
Recommended Belts and Fabrication Options

Item	Description	Width [mm]	Thickness [mm]	Hardness [Shore]	Weight [kg/m ²]	Force at 1% elongation [N/mm]	Overband	Eddy Current	Optical Sorter	General Conveying
SBNO570750	Nonex EM 15/3 01+10 black AS	2020	4	80A	4,8	15				x
SBAS589774	Nonex SW200 01+30 black IR	2200	7,2	70A	9	28				x
SBAS589787	Nonex SW200 10+30 black IR	2200	8	70A	10,3	22				x
SBAS589788	Nonex SW120 01+20 black IR	2200	4,5	70A	6	14				x
SBAS589791	Nonex SW120 10+20 black IR	2200	5,5	70A	7,5	14				x
SBRY577399	Ropanyl EM 8/2 00+02 dark green M1 AS FG	3100	1,5	93A	1,7	8				
SBRY589733	Ropanyl EM05 10/2 01+07 black M1 AS	3000	2,5	92A	2,8	10		x	x	
SBRY579351	Ropanyl EM 10/2 00+20 black M2 AS	3000	3,8	93A	4,7	10		x	x	
SBRY589734	Ropanyl EM 15/3 01+20 black M1 AS	3000	5	92A	6,2	15	x	x	x	
SBFL514471	Flexam EM 12/2 00+07 dark green M1 AS FG	3000	2,5	80A	2,9	12		x		
SBRY511229	Ropanyl EM 10/2 00+20 petrol M2 FG NL	3000	3,8	85A	4,5	10		x		
SBRY574881	Ropanyl EM 10/2 00+10 white M2 AS FG	3000	2,6	85A	2,7	10		x		
	ACONYL EP 400/3 8+3	2000	15	65A	16,5	400	x			
	GECONYL EP 400/3 4+2	2000	10,22	65A	11,5	400	x			x

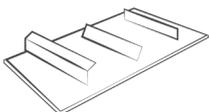
AS = Antistatic; FR = Flame retardant; IR = Impact resistant; FG = Food grade; M1 = Fine matt finish; M2 = Matt finish; NL = Non-logo

SW Belts: Tear and cut resistant belts

- The SW fabric provides outstanding impact and cut resistance
- The Nonex cover provide resistance to fat & oil and enables easy accessorising (cleats, v-guide, corrugated sidewalls...)
- The SW belts are engineered with superior cut and tear resistance, offering enhanced durability
- The belts are light and thermo-weldable to reduce maintenance downtime
- The belts can run on small pulley diameters



Fabrication Options



Cleats

Your belts can be equipped with cleats for straight or inclined conveying. Different types are available, PVC or PU, reinforced or extruded, fat resistant or standard, our range is wide in order to adapt to your process.



Bordoflex

Very common on belt for Eddy Current, we have in our range PVC and PU bordoflex in various heights. This accessory will prevent products from falling from the side.



Side-skirting

We can supply you with PVC, PU or felt side-skirting in the length and height you need. Felt side-skirting have multiple advantages, thanks to their conception they ensure abrasion resistance and a low coefficient of friction.



Focus on High Speed Optical Sorter

The sorter compares objects to user-defined accept/reject criteria to identify and remove defective products and foreign material (FM) from the production line.

Characteristics	Advantages
PU belts, black colour and matt finishing	As the top cover is regular, we can easily detect the material
Smooth running and uniform belt thickness, even when joined	No vibration, no distortion to the identification of the optical sorter, even at high speed
Good longitudinal flexibility and less coefficient of friction on slider bed	Less energy consumption and reduced CO2 emissions
Excellent resistance to chemical and mechanical attack	Long life belts, cost saving
Lighter weight compared to rubber belts	Less energy consumption, motor downsizing, easy to replace, improvement in safety and working conditions

Choose the best belting solutions for **recycling applications**.
Contact our experts to learn more!



WE MAKE YOUR SUSTAINABILITY MOVE

As a member of Ammega Group, we are committed to becoming more and more responsible toward the world by reducing our impact on the planet by working on new technological raw materials made by partners using the most ecological sustainable technologies.



In 2024 AMMEGA's actions and practices in sustainable growth have been awarded a **Gold medal of EcoVadis**, placing our company in top of the rating.

The received assessment is a recognition of AMMEGA's improvements in business excellence, crucial information for all our stakeholders, and confirmation that our company acts responsibly and focuses on sustainability in every aspect of its performance.

We aspire to be the local partner of choice for sustainable belting solutions around the globe.



Discover Your Local Contacts

The local partner of choice
for sustainable conveyor belting solutions
- around the globe.

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and find your local
contact

