

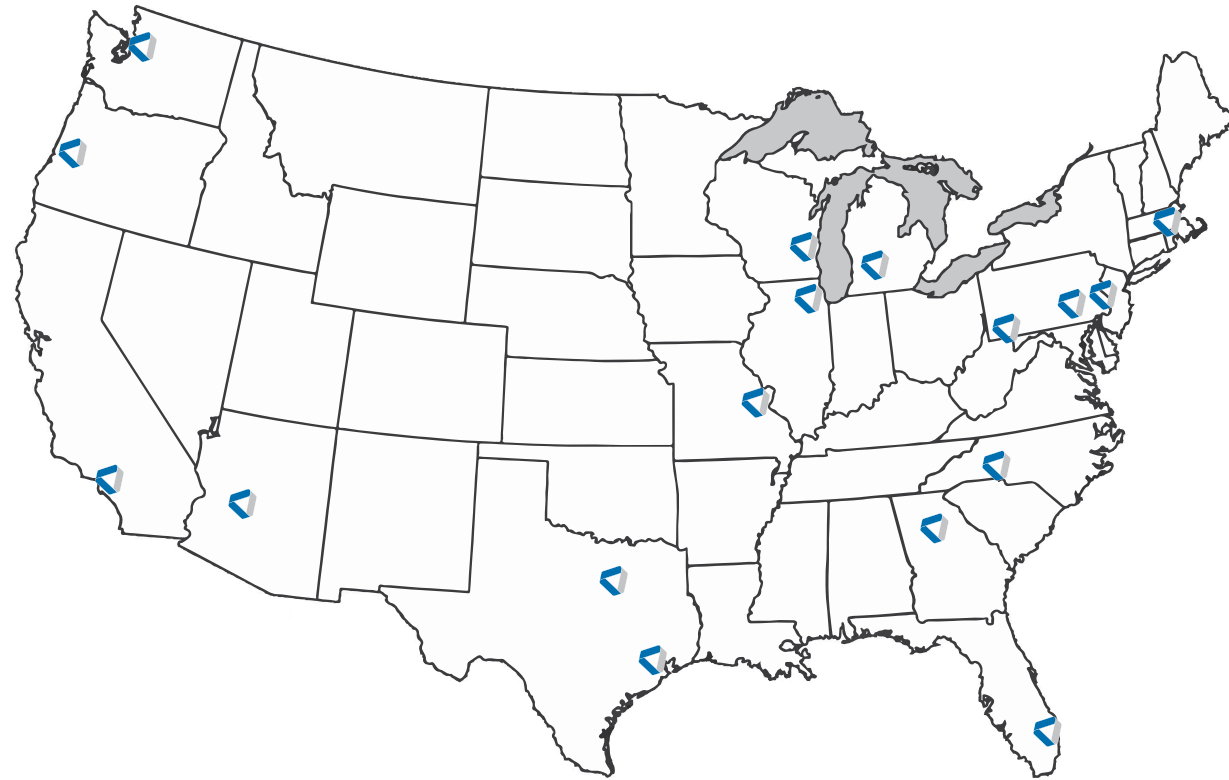
Want to know more? Contact us

Get in touch with your nearest Ammeraal Beltech sales office or visit www.ammeraalbeltech.com to locate your local service center, and we'll be glad to help.

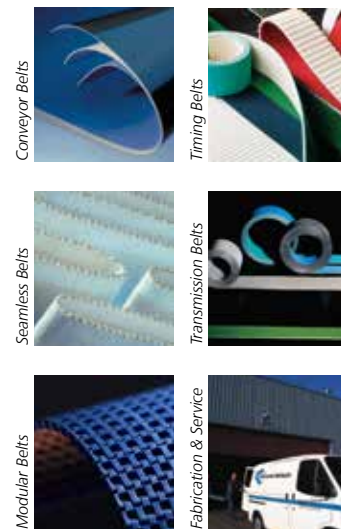
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US Sales and Service Locations



Expert advice, quality solutions
and local service
for all your belting needs



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RAPPLON® Flat Belts

Roller Drive Flat Belts

... and 150 more service contact points at www.ammeraalbeltech.com

Date: 01.2018



www.ammeraalbeltech.com

When fast replacement matters most

RAPPLON® High Performance Flat Belts are available in a wide selection of belting solutions for all types of accumulation techniques.



Roller drive systems can be found everywhere – in logistics, in warehousing, in manufacturing and in the food industry. They are used for a wide variety of functions, from linking up different production processes to moving finished goods. Roller drive systems can reduce energy consumption and overall costs. They keep operations flowing smoothly, often while contending with difficult factors such as fully loaded stops and starts, temperature variations, and prolonged exposure to oil, grease and dirt.



A high-quality roller drive system will be able to overcome these difficulties and deliver non-stop efficient performance. The RAPPLON range of high-performance flat belts comes with the Ammeraal Beltech reputation for operational reliability and around-the-clock onsite service. What's more, our QuickSplice belts make belt replacement faster and easier than ever, reducing your downtime to a minimum.

Roller drive systems

There are three main types of live roller conveyor systems:

- **Continuous running**, where goods don't stop on the conveyor. This system requires good grip on both the drive motor shaft and the rollers. XNBR rubber is often used on both sides of the belt, ensuring maximum power transfer.
- **Low or minimum pressure accumulation**, where the belt is pressed against the carrying rollers. When goods accumulate, pressure is reduced, the carrying rollers stop but the belt continues to run. The belt surface touching the rollers must be able to slip over them in this 'stop' phase but still have sufficient friction to drive them again when full pressure is reapplied.
- **Zero pressure accumulation**, where the pressure rollers move up and down to engage and disengage the belt from contact with the carrying rollers. As the drive belt does not come into contact with the carrying rollers during accumulation, friction covers can be used on both sides.

RAPPLON® Belts Customer Benefits

RAPPLON® QuickSplice belts with Polyester fabric as tension member:

- Fast and easy replacement, saving expensive downtime
- Failure-free joining, to keep the line rolling
- Uniform belt thickness over joint area for perfect after-splice performance
- No observable running direction
- High-strength option, even with small pulley diameters
- Impervious to moisture, for all-condition performance
- Dimensional stability, for efficiency and durability
- Permanently anti-static

RAPPLON® Classic High-Performance Flat Belts with PA-foil as tension member:

- Capable of handling heavy loads and high torque
- Permanently anti-static
- No tracking guides required

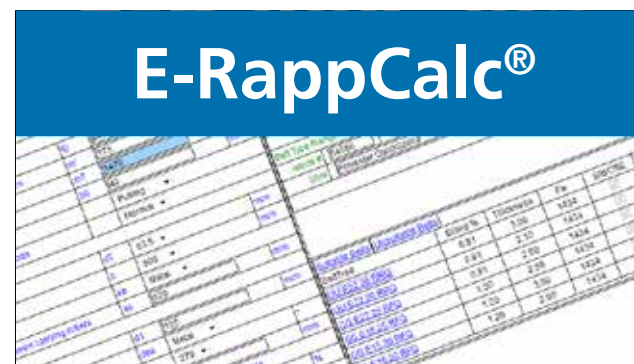
Selection Guide for the RAPPLON® Roller Drive Range

Technical Data for RAPPLON® Roller Drive Flat Belts

Article number	Belt type	Belt thickness in mm	Belt factor at 1% in N/mm	Min. Pulley diameter at 20°C in mm	Material Tension member	Friction top/ bottom	Endless Joining technology	Continuous running system	Full pressure / Zero pressure	Low pressure
RAPPLON® Quicksplice Flat Belts										
54607	GG E05.14 FFQ	1.40	5	25	Polyester fabric	high/high	QuickSplice	X	X	
54614	GG E08.20 RRQ	2.00	8	25	Polyester fabric	high/high	QuickSplice	X	X	
54652	GG E10.30 RRQ FG	3.00	10	30	Polyester fabric	high/high	QuickSplice	X	X	
54655	GG E15.20 RFQ	2.00	15	25	Polyester fabric	high/high	QuickSplice	X	X	
54656	GG E15.25 RFQ	2.50	15	30	Polyester fabric	high/high	QuickSplice	X	X	
54657	GG E15.30 RFQ	3.00	15	40	Polyester fabric	high/high	QuickSplice	X	X	
54665	GG E22.25 RFQ	2.50	22	40	Polyester fabric	high/high	QuickSplice	X	X	
54666	GG E22.30 RFQ	3.00	22	60	Polyester fabric	high/high	QuickSplice	X	X	
54627	GG E35.30 RRQ	3.00	35	60	Polyester fabric	high/high	QuickSplice	X	X	
54624	TG E04.12 RQ	1.25	4	15	Polyester fabric	high/low	QuickSplice			X
54561	UU E15.20 RFQ	2.10	15	30	Polyester fabric	medium/medium	QuickSplice			X
54542	UU E15.30 RFQ	3.00	15	30	Polyester fabric	medium/medium	QuickSplice			X
54555	UU E22.20 RRQ	2.10	22	30	Polyester fabric	medium/medium	QuickSplice			X
54556	UU E22.30 RRQ	3.00	22	40	Polyester fabric	medium/medium	QuickSplice			X
RAPPLON® Classic Flat Belts										
54738	GG S04.17 RFC	1.70	4	20	Polyamide foil	high/high	Skived	X	X	
54734	GG S06.18 RFC	1.80	6	40	Polyamide foil	high/high	Skived	X	X	
54780	GG S06.30 RRC FG	3.00	6	30	Polyamide foil	high/high	Skived	X	X	
54733	GG S09.22 RFC	2.20	9	60	Polyamide foil	high/high	Skived	X	X	
54736	GG S09.30 RRC	3.00	9	60	Polyamide foil	high/high	Skived	X	X	
54530	GG S11.26 RFC	2.60	11	60	Polyamide foil	high/high	Skived	X	X	
54748	GG S15.30 RRC	3.00	15	80	Polyamide foil	high/high	Skived	X	X	
54749	GG S18.40 RRC	4.00	18	160	Polyamide foil	high/high	Skived	X	X	
54703	GT S06 RC	1.40	6	40	Polyamide foil	low/high	Skived			X
54704	GT S09 FC	1.90	9	40	Polyamide foil	low/high	Skived			X
54716	TG S06.30 RC	3.00	6	50	Polyamide foil	high/low	Skived			X

The right choice

We can help you choose the right belts for all your roller drive applications. To find exactly what you need, contact your nearest Ammeraal Beltech agent, and let us also tell you about our **E-RappCalc® Online Calculation Tool**, for easy and accurate dimensioning of your new RAPPLON® Flat Belt.



Please contact your nearest Ammeraal Beltech agent and complete our questionnaire.

We will supply you with the optimal belt for your system.