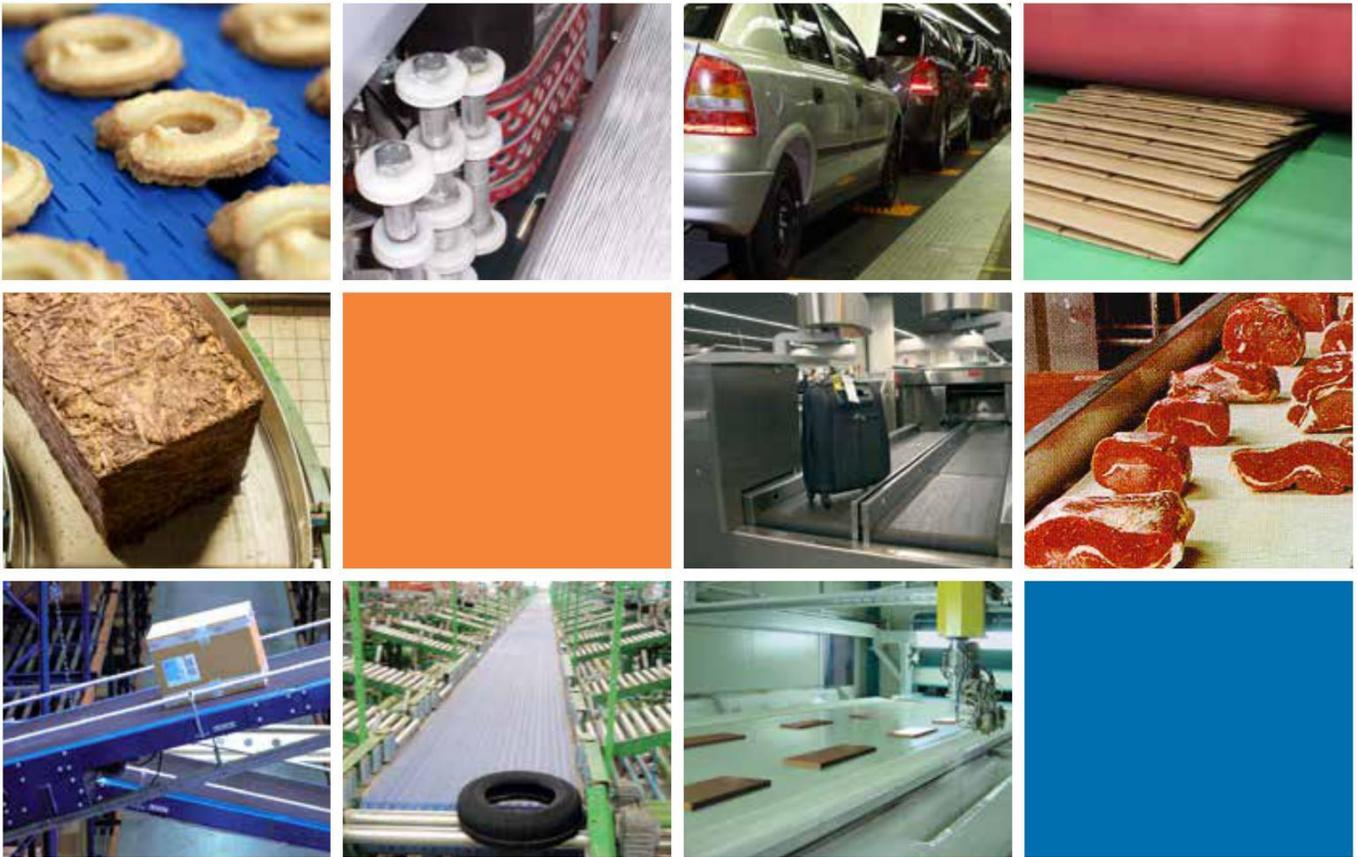




Timing & Engineered Belts

Helping to drive your business forward



Our aim is to be the recognized leader everywhere we do business. To help achieve that goal, our international growth and expansion program has brought some of the top brands in belting into our group.

Our products and services are available directly and through partners in more than 150 countries. We have production plants in six countries and 26 operating companies worldwide, each with their own local customer service network. More than 2,000 employees in over 80 service centers provide standard and custom-made solutions together with on-site service, on a 24-hour-a-day basis.

What you can expect from us

Service

We understand the importance of keeping business operations running smoothly and we know how costly and disruptive downtime can be. That is why we offer a local service network that is available around the clock. Our skilled and experienced personnel are on call to install and service the entire range of the Ammeraal Beltech product portfolio.

In addition, we ship most orders directly from the extensive stocks we maintain. If requested, we can dispatch orders on the same day by express delivery.



Innovation

In every industry, improvements in production mean new process solutions have to be found. Working together with our customers and with leading research institutions, has developed many different conveying concepts.

Within our purpose-built R&D centers, we are continuously optimizing and improving our products. We work to meet new challenges, such as higher operating speeds and temperatures, increased cleanability and durability, and ever more stringent standards of hygiene and safety.

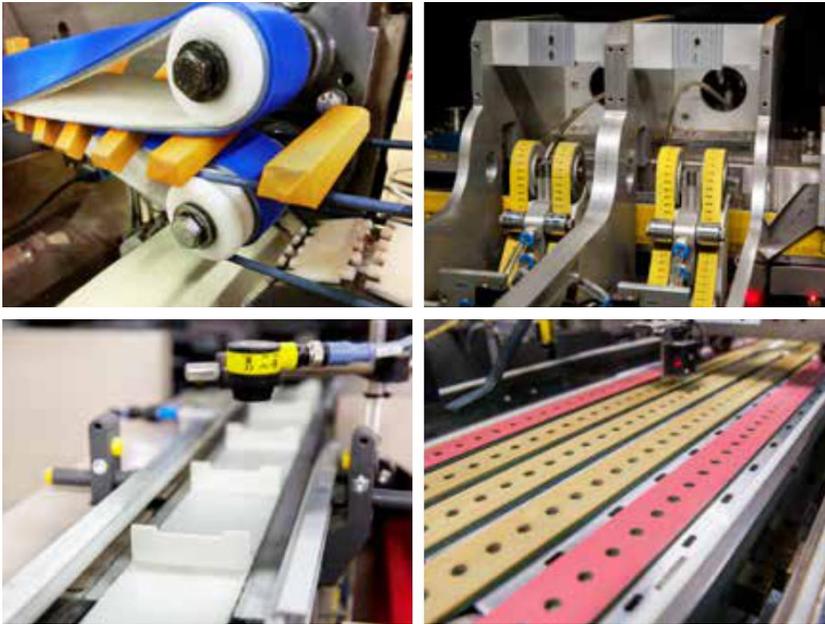
Our sales engineers have the technical proficiency to develop a belt that performs under the most challenging operating conditions. What's more, because Ammeraal Beltech manages every aspect of the belting quality – from fabric to final installation – we are confident in our ability to deliver the right belt for the right job, every time.

Industry experience

We provide belts for nearly every industry, and we've been doing so for a long time. Decades of experience go into every belting solution we provide. The knowledge and expertise we have built up give us a clear understanding of each customer's specific requirements and how to meet them.



Timing Belts – precision and reliability



Timing Belts are at work in a wide range of industrial applications and environments:

- Airport baggage handling systems
- Logistics industry
- Food industry
- Print & Paper industry
- Packaging industry
- Wood industry
- Ceramic industry
- Automotive industry
- Tobacco industry
- Chemical industry
- Glass processing
- Linear positioning
- Electronics assembly lines
- Power transmission

» Positive drive for repetitive exact positioning of your product

» Combinations of base belts, covers and machining options that allow us to design a belt that exactly suits your needs

» The highest quality polyurethane with excellent wear resistance for long belt life and low maintenance cost

» Tooth engagement for 100% slip-free drive belts with strong yet flexible tensile members for low belt stretch and small pulley diameters, enabling light and compact machine design

Exact positioning

Process optimization

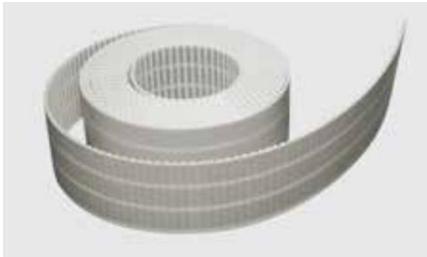
Cost-efficient

Low-cost conveyor design

Our comprehensive range

Timing belts are available with many different features, shapes and sizes, each designed to meet your particular requirements. Our Timing Belt Catalogue offers full technical information and a complete overview of what we can provide for you.

PU Linear



Open length thermoplastic PU Timing Belts

A versatile belt for automation and material handling equipment, mainly for linear and conveying purposes

- Open end rolls or endless jointed
- Standard roll length 100 m
Min. jointed length 500 mm
- Material: thermoplastic PU with steel or aramid cords
- Accessories: Ve-guides, cleats, covers

Typical applications

- Open length belts:
 - › Automation and material handling equipment, horizontal and vertical doors, printing applications, automatic assembly operations, automatic storage and retrieval systems, fabric cutting machines, woodworking machines, glass cutting, scanner movement and robotics
- Endless jointed belts:
 - › In general, for synchronized conveying and positioning, assembly, packaging, inserting and other automation equipment; particularly useful for sheet metal and sheet glass transport systems, food conveying, print and paper applications, conveying applications for wood and related industries

PU Torque



Truly endless thermoplastic Timing Belts – produced per customer order

A belt for high tension conveying, positioning and power transmission applications

- Truly endless, no joint
- Length: 0.9 m – 24.0 m
all lengths available depending on tooth pitch
- Material: thermoplastic PU with steel cords (spirally wound)
- Accessories: Ve-guides, cleats, covers

Typical applications

- High tension conveying and positioning applications giving longer life compared to spliced or welded belts
- General industry drive belts for use in wood, printing, paper converting and textile industries

PU Molded



Endless molded thermoplastic PU Timing Belts – produced in sleeves at standard lengths and cut to requested belt width

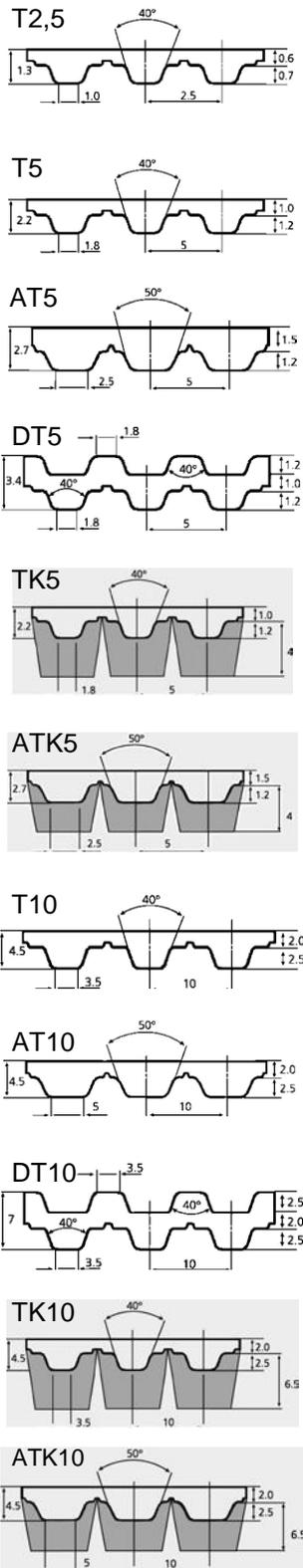
A belt which can be used as a drive, conveying and positioning belt in many sectors of industry, from very light operations to high-performance applications

- Truly endless, no joint
- Standard lengths
(min. 112 mm, max. 2250 mm)
- Material: thermoset PU with steel, stainless steel, aramid or fiberglass cords (spirally wound)
- Accessories: wide range of covers

Typical applications

- Many sectors of industry, from very light miniature drives to high-performance applications
- Ideal for high speed and high torque drive belts; also suitable for short conveying and positioning applications

Technical Specifications



Type	Belt data			Minimum pulley diameter					
	pitch	thickness (molded)	weight	a) without counter flexing			b) with counter flexing		
				d1	t1	d2	d1	t1	d2
	[in]	[in]	[pound/ft ²]	[in]	[-]	[in]	[in]	[-]	[in]
T2.5 steel	2.5	1.60 (1.30)	0.23	0.29	10	0.59	0.45	15	0.59
T5 steel	5	2.20	0.43	0.59	10	1.18	0.91	15	1.18
T5 steel NTB AS	5	2.20	0.43	0.59	10	1.18	0.91	15	1.18
T5 aramid **/**	5	2.20	0.41	0.59	10	0.98	0.91	15	0.98
AT5 steel	5	2.70	0.70	0.89	15	1.18	1.52	25	2.36
ATL5 steel	5	2.70	0.78	1.52	25	1.57	1.52	25	2.36
TT5 steel	5	2.80	0.55	0.91	15	1.18	1.53	25	1.57
TT5 aramid	5	2.80	0.53	0.91	15	1.18	1.53	25	1.57
DT5 steel	5	2.20	0.55	0.59	10	1.18	0.91	15	1.18
TK5 steel	5	2.20	0.53	1.53	25	2.36	1.53	25	3.15
ATK5 steel	5	2.70	0.78	1.52	25	2.36	1.52	25	3.15
T10 steel	10	4.50	0.92	1.43	12	2.36	2.43	20	2.36
T10 aramid */**	10	4.50	0.82	1.43	12	1.97	2.43	20	1.97
AT10 steel	10	4.50	1.31	1.81	15	1.97	3.06	25	4.72
AT10 steel HF	10	4.50	1.31	1.43	12	1.97	2.43	20	3.94
AT10 aramid	10	4.50	0.90	1.81	15	1.97	3.06	25	4.72
ATL10 steel	10	4.80	1.41	3.06	25	3.15	3.06	25	5.91
DT10 steel	10	4.50	1.17	1.43	12	2.36	2.43	20	2.36
TK10 steel	10	4.50	1.09	3.06	25	3.15	3.06	25	3.15
ATK10 steel	10	4.50	1.47	3.06	25	3.15	3.06	25	4.72
T20 steel	20	8.00	1.58	3.65	15	4.72	6.15	25	4.72
T20 aramid	20	8.00	1.31	3.65	15	3.94	6.15	25	3.94
AT20 steel	20	8.00	1.99	4.40	18	4.72	6.15	25	7.09
ATL20 steel	20	8.40	2.29	6.15	25	6.30	6.15	25	9.84
HTD 3M steel	3	2.40	0.41	0.57	16	1.57	0.72	20	1.97
HTD 5M steel	5	3.70	0.98	0.96	16	1.97	1.21	20	1.97
HTD 8M steel	8	5.60	1.41	1.75	18	1.97	1.75	18	4.72
HTD 14M steel	14	10.00	2.31	4.81	28	4.72	4.81	28	7.09
STD 5M steel	5	3.35	0.94	0.96	16	1.97	1.22	20	1.97
STD 8M steel	8	5.30	1.35	1.75	18	1.97	1.75	18	4.72
MXL steel	2/25 in	1.20	0.25	0.36	15	0.59	0.44	18	0.59
XL steel	1/5 in	2.49	0.49	0.62	10	1.18	0.94	15	1.18
XL aramid	1/6 in	2.49	0.37	0.62	10	0.98	0.94	15	0.98
L steel	3/8 in	3.61	0.80	1.76	15	2.36	2.36	20	2.36
L aramid	3/8 in	3.61	0.74	1.76	15	1.97	2.36	20	1.97
H steel	1/2 in	4.29	0.88	2.17	14	2.36	3.13	20	3.15
H aramid **	1/2 in	4.29	0.72	2.17	14	1.97	3.13	20	2.56
XH steel	7/8 in	11.20	2.17	4.90	18	5.91	5.46	20	7.09
XH aramid	7/8 in	11.20	2.03	4.90	18	4.72	5.46	20	5.91
F1 steel	-	1.00	0.37	0.63	-	0.63	1.18	-	1.18
F2 steel	-	2.00	0.70	1.97	-	1.97	3.94	-	3.94
F4 steel	-	4.00	1.64	4.72	-	4.72	5.91	-	5.91
Eagle 8M steel NT	8	5.33	1.23	2.01	20	2.01	2.51	25	3.94
Eagle 10M steel NT	10	6.10	1.52	3.13	25	3.78	4.01	32	5.91
Eagle 14M steel NT	14	8.64	2.33	5.62	32	6.30	7.02	40	9.84

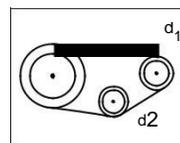
Specials on request

- no coil nose (NC) available
- extra wide with less tension member available

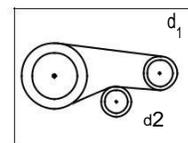
Most belt types are also available with low friction fabric on the tooth side and/or the back side.

d1 and d2 = diameter of the pulley [mm]

t1 = teeth number of pulley 1

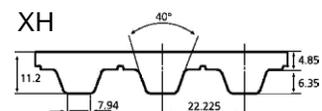
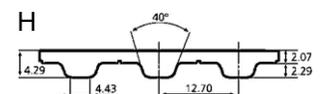
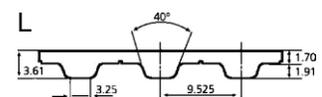
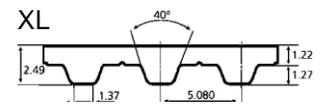
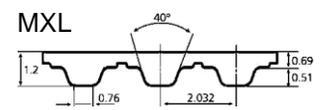
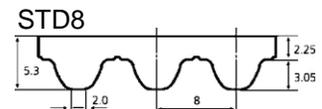
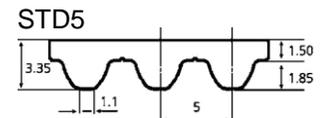
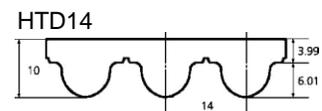
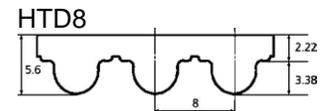
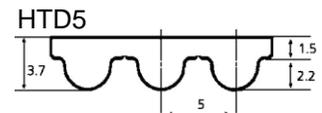
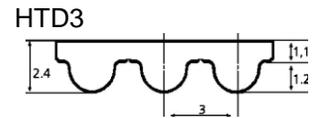
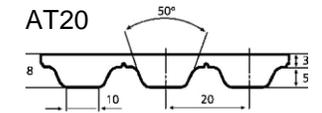
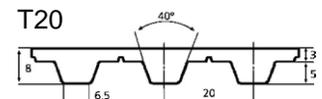


a) without counter flexing



b) with counter flexing

Tensile strength				
max. allowable load per 50 mm belt width				
Type	Fal open end	Fal welded	Fbr break load	Cspec
	[lbs]	[lbs]	[lbs]	[x 1000 lbs]
T2.5 steel	162	80,9	674	40,5
T5 steel	190	95,0	860	50,6
T5 steel NTB AS	190	95,0	860	50,6
T5 aramid */**	202	101	1068	46,0
AT5 steel	393	197	1439	98,4
ATL5 steel	569	197	2068	142
TT5 steel	190	95,0	860	50,6
TT5 aramid	202	101	1068	46,0
DT5 steel	190	95,0	860	50,6
TK5 steel	190	95,0	860	50,6
ATK5 steel	393	197	1439	98,4
T10 steel	472	236	1804	148
T10 aramid */**	446	223	1709	96,8
AT10 steel	843	422	3372	220
AT10 steel HF	697	348	2810	182
AT10 aramid	801	400	3192	191
ATL10 steel	1630	422	5631	407
DT10 steel	472	236	1804	148
TK10 steel	472	236	1804	148
ATK10 steel	843	422	3372	220
T20 steel	731	365	2979	198
T20 aramid	641	320	2698	137
AT20 steel	1315	658	3653	337
ATL20 steel	1798	658	7048	448
HTD 3M steel	175	87,7	731	43,8
HTD 5M steel	569	284	2068	142
HTD 8M steel	806	403	3417	201
HTD 14M steel	1461	731	5056	365
STD 5M steel	569	284	2068	142
STD 8M steel	806	403	3417	201
MXL steel	70,8	39,3	287	-
XL steel	169	84,3	703	42,2
XL aramid	225	112	1124	37,9
L steel	400	200	1678	94,4
L aramid	373	187	1598	85,0
H steel	400	200	1678	94,4
H aramid **	371	185	1598	86,3
XH steel	731	365	2979	198
XH aramid	629	315	2642	178
F1 steel	202	101	843	50,6
F2 steel	791	396	3417	198
F4 steel	1888	944	7419	472
Eagle 8M steel NT	971	483	3400	243
Eagle 10M steel NT	1574	787	5901	405
Eagle 14M steel NT	1652	826	6272	413



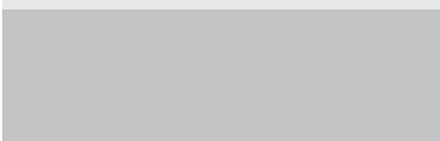
Also available: all major pitch and configurations of neoprene – fiberglass Timing Belts and Poly Ve-belts.

Engineered Belts – creating a custom-made product

has an outstanding reputation for developing individual solutions for each separate belting application. We understand that your processes and equipment are unique to your business, and our engineers have the technical proficiency and industry experience to develop belts for even the most challenging operating conditions.

Cleats

- Timing Belts customized with welded-on profile/cleats made from the same polyurethane as the body of the belt
- Integrated metal teeth to enable mechanical attachment of cleats
- Both simple upright and custom-made complex-shape cleats available
- Welding
 - › infrared welding
 - › friction welding
 - › contact heated tool welding
- High frequency



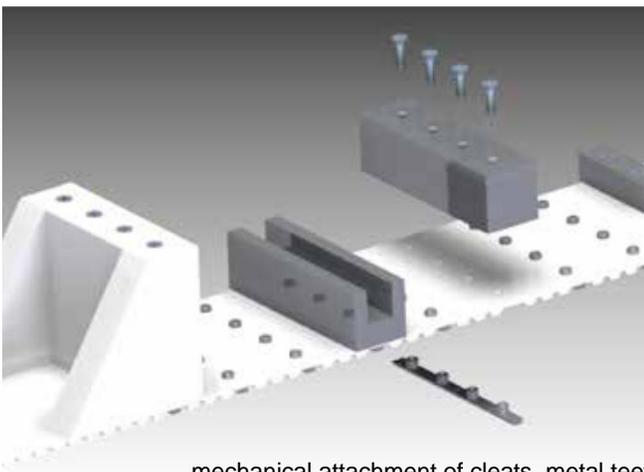
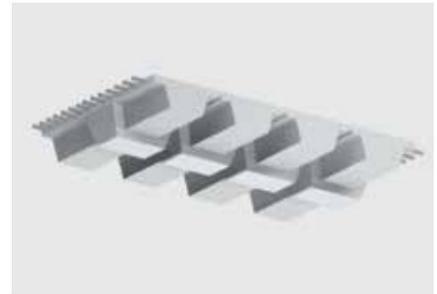
Endlessing

- Splicing
- Welded joint
 - › only done with open-end PU Linear types
 - › finger joint, tapered fingers
 - › no glues or adhesives
 - › strength after welding at 50% of original maximum belt strength
- Fasteners
 - › for specialized tasks
 - › plastic lace fastener
 - › pin-joint fastener
 - › quick installation on site
- Jointing tools
 - › finger-punch
 - › splice press
 - › welding molds per belt pitch type
 - › control unit
 - › water-cooling unit
 - › jointing on site also possible

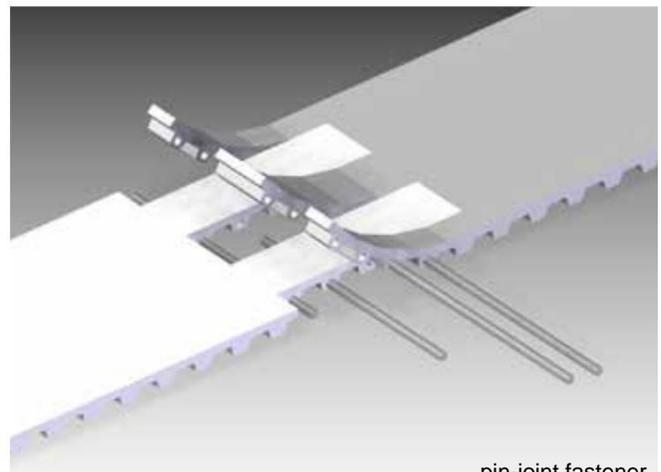


Ve-guides

- Fabricated Ve-guides
 - › for PU Linear, PU Torque and PU Molded belts
 - › can be fit to any belt type in any width, length combination
 - › can be glued on
 - › can also be added onto the back side of the belt
 - › special dimensions, colors and degrees of hardness available
 - › special notched types available for extra flexibility
- Timing Belts with integrated Ve-guides
 - › PU compound, hardness and color



mechanical attachment of cleats, metal teeth

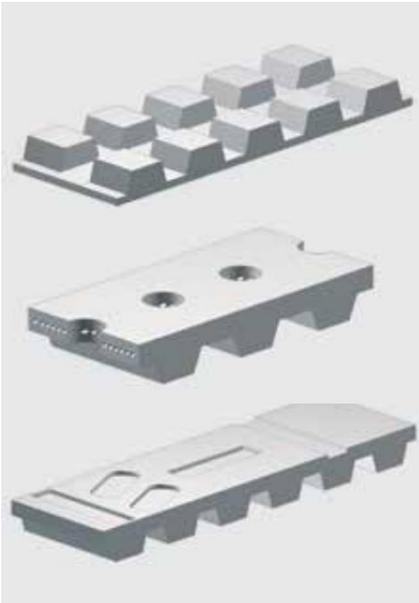


pin-joint fastener



Machining

- Grooves for Ve-guides and for vacuum belts
- Holes created by water jet cutting, punching or drilling
- Grinding full surface or profiles, such as poly Ve-profile
- Cross slots and slits
- Machinery customized to your design
- Embossing of thermoplastic covers
- Milling recessed slots



Covers

Cover materials determine a belt's unique set of properties, such as friction, flexibility, wear resistance and oil and fat resistance. can apply an extra cover to almost any base belt, whether it be a standard belt, a high-performance flat belt or a timing belt. We offer an extensive range of cover materials, including rubbers, PVC, polyurethane, cellular materials and other special materials.

What's more, we can fit a cover to a base belt using any one of four processes:

Bonding

with glue, warm or cold, relatively easy, one off, economic, not seamless

Welding

with hot air, only thermoplastics, seamless if required

Casting

vulcanizing truly endless rubber covers, resulting in a seamless cover

Coating

knife coating for paste covers and for truly endless seamless covers



Covering Materials: Rubber



NRS 035 Yellow
Natural rubber, excellent grip with good abrasion resistance



NRS 040 Red
Natural rubber, high grip, good wear and abrasion resistance



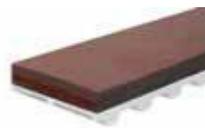
NRS 040 White FG
Natural rubber, high grip, good wear and abrasion resistance, food quality



NRS 040 Beige
Synthetic natural rubber, high grip, excellent for profiling and grooving, high tear and abrasion resistance



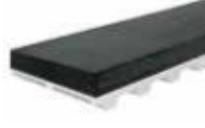
NRS 060 Red
Natural rubber, high wear and abrasion resistance, good cut and tear resistance



NRS 070 Purple
Natural rubber, excellent wear and abrasion resistance, high cut and tear resistance



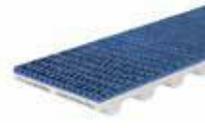
NTS 065 White FG
Nitrile rubber, oil and fat resistant synthetic rubber, food quality



NTS 060 Black
Nitrile rubber, very good wear and abrasion resistance under high temperatures, oil and fat resistance



NTS 070 Green
Nitrile rubber, oil and fat resistant, good grip, light fabric texture surface, good wear and abrasion resistance



CXS 065 C37 Blue
Nitrile rubber, high wear and abrasion resistant, oil and fat resistance, C37 supergrip profile



SRS 040 C37 Tan
Synthetic rubber, high wear and abrasion resistance, sensitive grip, C37 supergrip profile



SRS 040 N19 White
Synthetic rubber, good wear and abrasion resistance, good grip, N19 nipple profile

Rubber		Hardness [° ShA]	Density [pound/ft³]	Color	Max. Contact temperature [°C/F]	Oil and fat resistance	Static coeff. of friction (steel)	Food grade	Pulley factor	Standard thickness [mm]
Type	Material									
NRS 035 yellow	natural rubber	35	61.8	yellow	65/149	low	1.2	no	13	3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30
NRS 040 red	natural rubber	40	61.2	red	70/158	low	1.0	no	15	1.6, 2.4, 3.2, 5, 6, 8, 10, 12, 15
NRS 040 white FG	natural rubber	40	62.4	white	70/158	limited	1.0	yes	15	2, 3, 5, 6, 8, 10
NRS 040 beige	synthetic rubber	40	62.4	beige	70/158	low	1.1	no	15	4, 6, 8, 10, 12, 15
NRS 060 red	natural rubber	60	68.7	red	75/167	low	0.9	no	17	3, 5, 6, 8, 10, 12, 20, 25
NRS 070 purple	natural rubber blend	70	70.5	purple	75/167	limited	0.6	no	20	3, 4, 5, 6, 8, 10, 12, 15, 20, 25
NTS 065 white FG	nitrile rubber	65	81.2	white	80/176	good	0.8	yes	18	5, 10
NTS 060 black	nitrile rubber	60	81.2	black	110/230	good	0.7	no	18	4, 6, 8, 10, 12
NTS 070 green	nitrile rubber	70	74.9	green	100/212	good	0.7	no	25	1, 2
CXS 065 C37 blue	nitrile rubber	65	46.8	blue	120/248	excellent	0.9	no	20	4.3
SRS 040 C37 tan	synthetic rubber	40	49.9	tan	80/176	limited	1.0	no	15	4.3
NTS 050 C37 red	nitrile rubber	50	74.9	red	120/248	excellent	0.7	no	20	4.3
SRS 040 N19 white	synthetic rubber	40	106.0	white	80/176	limited	na	no	20	2

Covering Materials: PU & PVC



PUS 060 Blue/Black
Polyurethane, high grip, flexible, very tough, embossing possible



PUS 080/BS White
Polyurethane, excellent cut and wear resistant, good oil and chemical resistance



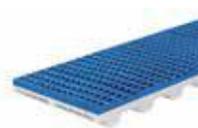
PUS 080 Transparent
Polyurethane, high grip, high abrasion resistance, cut and tear resistance, embossing possible



PVS 030 P6 Green/Blue
PVC, good chemical resistance, high grip, P6 supergrip profile



PUS 085 Blue AM FG
Polyurethane, good abrasion resistance, excellent oil and fat resistance, antimicrobial, food quality



PVS 030 P7 Blue
PVC, good chemical resistance, high grip, P7 minigrip profile



PUS 085 A16 Blue AM FG
Polyurethane, good abrasion resistance, excellent oil and fat resistance, antimicrobial, A16 profile



PVS 035 Blue
PVC, high grip, limited oil and grease resistance, embossing possible



PUS 085 A5 Blue FG
Polyurethane, good abrasion resistance, excellent oil and fat resistance, A5 nipple profile



PVS 065 A24 White FG
PVC, good oil and grease resistance, good chemical resistance, herringbone profile



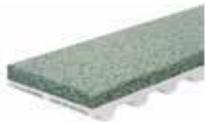
PUS 092 White
Polyurethane, excellent abrasion resistance, good oil and fat resistance



PVS 065 A13 White
PVC, good oil and grease resistance, good chemical resistance, sawtooth profile

PU & PVC										
Type	Material	Hardness [° ShA]	Density [pound/ft³]	Color	Max. Contact temperature [°C/°F]	Oil and fat resistance	Static coeff. of friction/steel	Food grade	Pulley factor	Standard thickness [mm]
PUS 060 blue/black	Polyurethane	60	71,8	blue, black	80/176	good	0.9	no	25	2.5
PUS 080 transparent	Polyurethane	80	69,3	transp.	80/176	good	0.8	no	30	1, 2, 3, 4
PUS 085 blue AM FG	TPU Ropanyl	85	76,8	blue	80/176	excellent	0.6	yes	30	1.5
PUS 085 A16 blue AM FG	TPU Ropanyl	85	53,7	blue	80/176	excellent	na	yes	20	2.5
PUS 085 A5 blue FG	TPU Ropanyl	85	59,3	blue	80/176	excellent	na	yes	15	3.5
PUS 092 white	Polyurethane	92	81,2	white	80/176	excellent	0.6	no	30	2, 3
PUS 080/BS white	PU Ropan BS	80	62,4	white	80/176	good	0.4	no	25	2, 3, 4
PVS 030 P6 green/blue	PVC Flexam	30	48,7	blue, green	90/194	limited	0.9	no	15	4
PVS 030 P7 blue	PVC Flexam	30	49,9	blue	90/194	limited	0.9	no	15	4
PVS 035 blue	PVC Flexam	35	86,8	blue	90/194	limited	1.1	no	20	1, 2, 3
PVS 065 A24 white FG	PVC Nonex	65	41,2	white	90/194	good	na	yes	18	4
PVS 065 FG blue/white	PVC Nonex	65	83,0	blue, white	90/194	good	0.7	yes	25	2, 3, 4
PVS 065 blue AM FG	PVC Nonex	65	83,0	blue	90/194	good	0.7	yes	25	1.5
PVS 065 P13 white	PVC Nonex	65	46,8	white	90/194	good	na	yes	18	4

Covering Materials: Cellular



NRS 160 Grey/Orange Natural rubber, open cellular construction, high resilience, high elasticity and porosity, compressible



NRS 200 Black Natural rubber, open cellular construction, high grip, high resilience, high elasticity and porosity, compressible



NRS 250 Orange Natural rubber, open cellular construction, non-marking, high resilience, high elasticity and porosity



NRS 270 Green Natural rubber, open cellular construction, high grip, non-marking, high resilience



NES 290 Black Neoprene rubber, closed cellular construction, very high grip, good oil and chemical resistance



FBS 160 Blue Closed cellular neoprene rubber covered by premium stretch fabric, low friction surface



PUS 220 Blue Polyurethane, low density partially closed cellular construction, good oil and fat resistance



PUS 300 Green Polyurethane, medium density partially closed cellular construction, good abrasion resistance



PUS 400 Brown Polyurethane, high density partially closed cellular construction, good abrasion resistance



PUS 400 Beige Polyurethane, high density closed cellular construction, excellent wear resistance



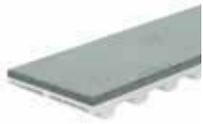
PUS 600 Yellow Polyurethane, very high density fully closed cellular construction, good wear and abrasion resistance

Cellular		Hardness [° ShA]	Density [pound/ft³]	Color	Max. Contact temperature [°C/F]	Oil and fat resistance	Static coeff. friction/steel	Food grade	factorPulley thickness [mm]		Standard
Type	Material										
NRS 160 grey/orange	natural rubber, open cellular	-	9.99	orange, grey	65/149	low	1.0	no	6	5, 10, 15, 20, 25, 30	
NRS 200 black	natural rubber, open cellular	-	12.5	black	65/149	low	1.0	no	6	3, 5, 8, 10, 15,	
NRS 250 orange	natural rubber, open cellular	-	15.6	orange	65/149	low	1.0	no	8	5, 10, 15, 20, 25, 30	
NRS 270 green	natural rubber, open cellular	-	16.9	green	65/149	low	1.0	no	8	5, 10, 15	
NES 290 black	neoprene rubber, closed cellular	-	18.1	black	85/185	good	1.3	no	10	5.5, 7, 10.5, 13, 30	
FBS 160 blue	fabric covered cellular neoprene	-	9.99	blue	70/158	good	0.3	no	15	3, 6	
PUS 220 blue	cellular polyurethane	-	13.7	blue	70/158	good	0.5	no	12	5, 7, 11, 12, 14, 25	
PUS 300 green	cellular polyurethane	-	18.7	green	70/158	good	0.5	no	14	4, 5, 7, 10, 11, 12, 14, 25	
PUS 400 brown	cellular polyurethane	-	25.0	brown	70/158	good	0.5	no	15	3, 5, 11, 12, 14, 25	
PUS 400 beige	cellular polyurethane	-	25.0	beige	80/176	good	0.3	no	16	1, 2, 3, 4, 5, 6	
PUS 600 yellow	micro cellular polyurethane	50	37.5	yellow	70/158	excellent	0.4	no	20	2, 3, 4, 5, 6, 8, 10	

Covering Materials: Special



PRR 060 Blue/Red
Technopolymer, high grip, good abrasion resistance, light embossing possible, silicon-free, good flexibility at low temperatures



CLS 925 Grey
Chrome leather, high abrasion resistance, medium grip, good for oily and greasy circumstances



NPS 055 Brown/White
Needle punched polyester fabric, low grip, high abrasion and wear resistance



PES 999 Grey
Needle punched polyester fabric impregnated, low grip, high abrasion resistance



PAS 778 Green
Low friction and low noise nylon fabric, excellent wear resistance, good oil and chemical resistance



PLS 035 Red
Pletex poly blend, high grip, limited oil and grease resistance, embossing possible



AMS 090 A16 Ivory Polyester, good abrasion resistance, excellent oil and fat resistance, A16 nipple profile



SIS 060 Blue
Silicone rubber, good wear and abrasion resistance, self-releasing surface



SIS 040 Light Blue FG/White
Silam silicone rubber, excellent tear strength, high grip, self-releasing surface, food quality



ELS 060 Green
Technopolymer, high grip, good oil and fat resistance, excellent abrasion and tear resistance



KFS 999 Yellow
Aramid felt, heat resistant, good abrasion resistance, good oil and fat resistance

Special		Hardness [° ShA]		Density [pound/ft³]	Color	Max. Contact temperature [°C/F]	Oil and fat resistance	Static coeff. of friction/steel	Food grade	Pulley factor	Standard thickness [mm]
Type	Material										
PRR 060 blue/red	thermoplastic technopolymer	60	64.3	blue, red	80/176	good	0.9	no	25	2.3	
CLS 925 grey	chrome leather	-	58.1	grey	80/176	excellent	0.8	no	30	3	
NPS 055 brown/white	needle punched polyester fabric	-	35.0	brown, white	80/176	good	0.3	no	25	2.5 (white: 2)	
PES 999 grey	polyester fabric	-	87.4	grey	80/176	good	0.3	no	25	2.0	
PAS 778 green	nylon fabric	-	13.7	green	80/176	good	0.3	no	-	0.5	
PLS 035 red	Pletex poly blend	35	86.5	red	90/194	limited	0.9	no	20	2, 3, 4	
AMS 090 A16 ivory	Amtel polyester	90	28.1	ivory	100/212	excellent	na	yes	30	2.5	
SIS 060 blue	silicone rubber	60	99.9	blue	220/428	good	0.6	no	17	3.2, 5.0, 7.0	
SIS 040 l bl. FG, white	silicone rubber Silam	40	69.9	blue, white	250/482	excellent	1.3	yes	15	1-10	
ELS 060 green	Elastonyl technopolymer	60	66.2	green	80/176	good	0.9	no	25	2.4	
KFS 999 yellow ^{*)}	Aramid felt	-	20.0	yellow	480/896	good	0.3	no	na	10	

^{*)} also available PBO felt +600°C/1112°F, Nomex felt + 280°C/536°F, Polyester felt +180°C/356°F

A solution for every application

Engineered Belts can be found performing a wide variety of tasks in many different industries. Each belt is specialized to meet specific needs.

Feeder belts

Many folder gluer machines in the corrugated industry have feeder belts from Ammeraal Beltech to feed the corrugated box dies. Our Ultrafeed 500 cover, with its exceptional friction and wear resistance, gives our feeder belts excellent performance and a long service life. In addition, our food-approved belt covers meet FDA/EC regulations.

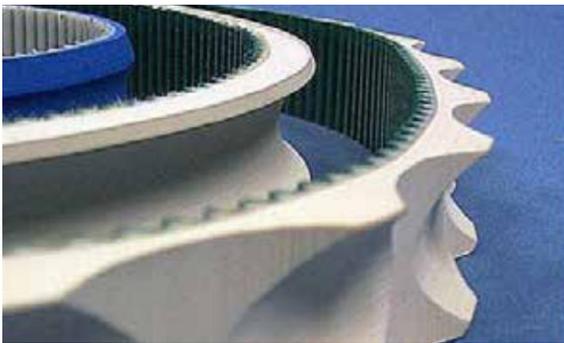


Product benefits:

- Consistent feeding of the corrugated box dies to improve productivity and yield
- Non-marking covers to help reduce waste and scrap
- Reduced maintenance costs due to long service life
- FDA/EC approved feeder belt covers that meet government and customer demands for food safety

Sausage belts

In the meat industry, food safety is key. With our blue food-approved antimicrobial sausage belt covers, you are ready to meet and exceed the most challenging food safety demands.



Product benefits:

- Constant product feed due to the excellent soft grip of our Silam covers, even in cold, greasy circumstances
- Highly flexible cover ensuring maximum productivity and belt life, even at reduced ambient temperatures
- Reduced damage to the sausages due to gentle linking process and continuous transport
- Antimicrobial properties to support your HACCP program, and sealed edges to protect belt reinforcement and eradicate possible product contamination

Haul-off and cable-pulling belts

Haul-off and cable-pulling belts, designed to operate in pairs on caterpillars, are precision-made to exact specifications. The hardness, thickness and friction properties of the covers combine to deliver excellent pulling/clamping force ratio, and their special wear-resistance and low-aging qualities ensure a long service life.



Product benefits:

- Equal thickness of belt pair over entire length for reliable uniformity of speed
- A wide range of covers offering different hardness and friction coefficients
- Longitudinal profiles for better fit-grip
- Heat and chemical-resistant covers for particularly demanding applications
- Different base belts available, including Poly-V, flat belts and timing belts

Top-compression and seam-compression belts for the corrugated industry

After folded boxes have been glued, top-compression and seam-compression belts hold them carefully in place during transport and drying. The weight of the belt holds the boxes down and the soft thick belt cover adapts to the shape of any folded box, large or small. What's more, our belts have been specially constructed from non-marking flexible materials to carefully compress boxes in order to preserve product quality.



Product benefits:

- Belt adapts to the size and shape of your product for better compression
- Soft and compressible top cover to reduce product damage • EU and FDA compliant food grade top covers available
- Available with a truly endless top cover for improved belt performance

Belts for the sanitary paper industry

Belts for the sanitary paper industry are designed to strict job specifications. Products such as diapers and sanitary pads are assembled with high precision on moving belts at speeds up to 400 meters per minute. These positive drive belts are key to the synchronous assembly lines used for these products. The high-friction covers, together with the vacuum that is applied, hold the product in place while it is assembled, cut, folded and packed.



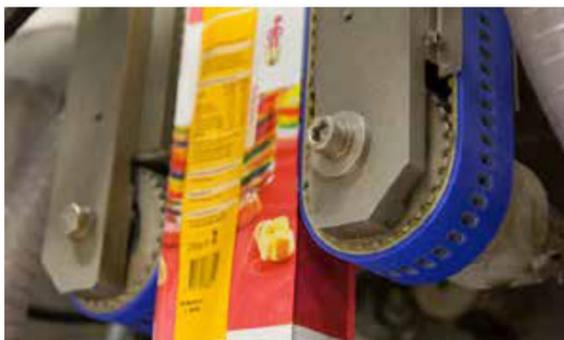
Product benefits:

- No product slip, thanks to vacuum feature and high friction covers, for maximum efficiency
- Excellent running properties at high speeds for greater productivity
- Precise product positioning for smoothest possible workflow • Available with non-stick silicone cover

Pull-down Belts

Vertical form-fill & seal (VFFS) bagging machines are widely used, particularly in the food and chemical industries. Typical products that are packed using this equipment are sweets, cheese, coffee, deep-freeze products, chemicals, sand and soil, and small plastic products.

The function of the pull-down belts is to consistently move a plastic film (wrapped around a steel tube) downwards in a controlled start-stop movement. This is a demanding application and requires high-performance belts with friction covers that are both wear-resistant and tear-resistant. Our pull-down belts are ideal for this work, and they're all non-marking and machined specifically to fit the task they perform.



Product benefits:

- Constant and secure foil pull
- Non-marking belt covers to safeguard product quality
- Wear resistant belt surface for a longer service life