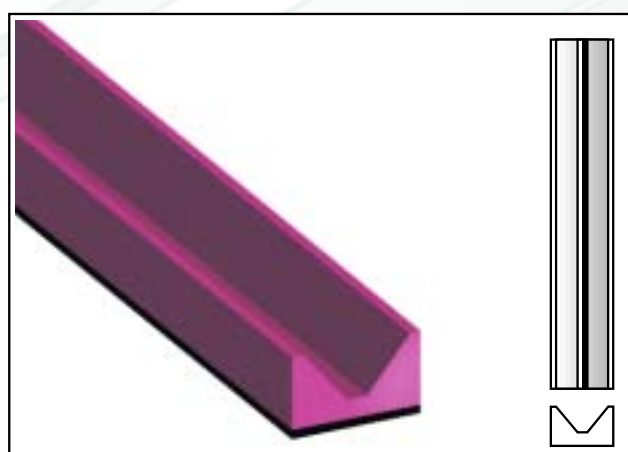
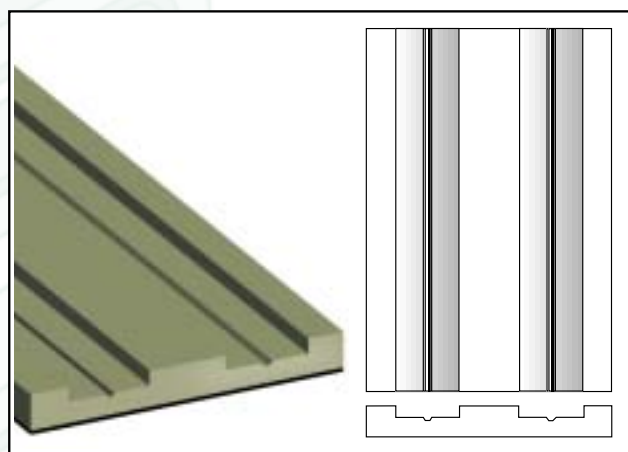
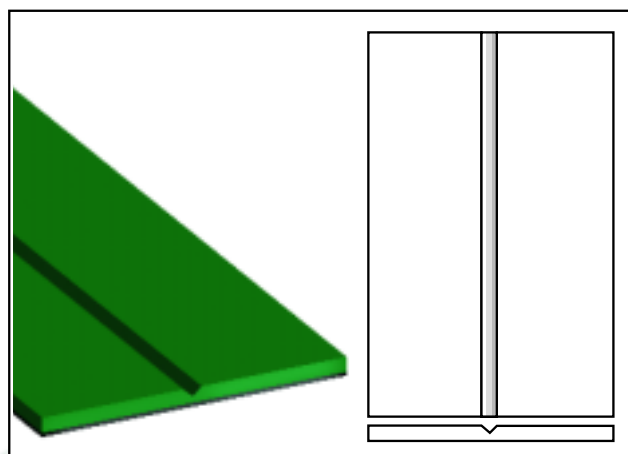
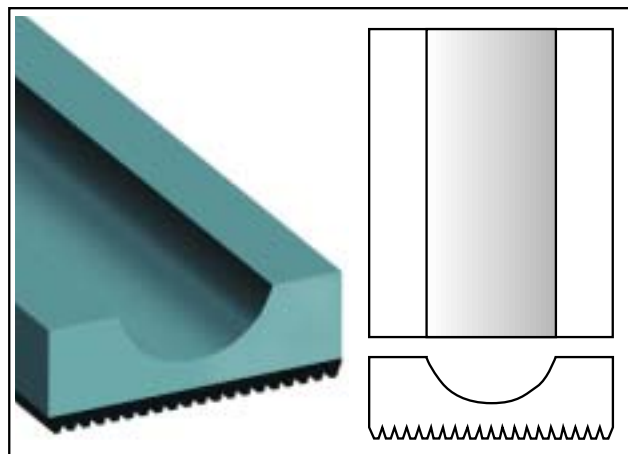


Profiles

The selection of cover material and traction length of the puller can affect belt performance. Softer materials provide good grip, but can wear quickly. Harder materials last longer, but may not provide enough pulling force. One solution is to modify the cover surface of the belt to mirror the extrudate cross section. This increases the effective friction of the conveying surface by providing a larger contact area. Habasit ABT can modify Grabber™ PLR belts to suit your needs. Our capabilities include radius profiles, V – grooves and complex shapes for window casement and door moldings. Consult your Habasit representative to discuss your specific needs.



Habasit ABT, Inc.
Seamless Belts



GRABBER™ PLR SERIES PULLER BELTS

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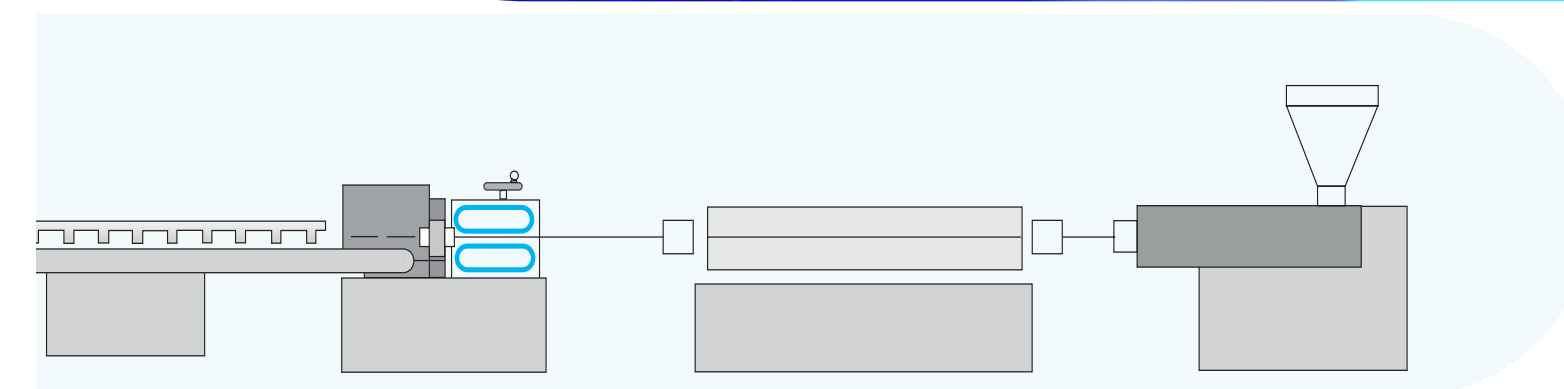


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Registered trade marks



Habasit ABT

Since 1955 Habasit ABT has led the industry in the production of seamless belts. Beginning with the patent of the Panther 400, HABT has remained the leader through continuous improvement and investment in state of the art equipment. Now as part of the Habasit Group, the worldwide leader in the manufacture of flat belts, our commitment to maintain global leadership in endless belt technology is even stronger.

Well trained and committed teams maintain production at all facilities of the Habasit Group. Our activities are supported by in house research and development, with a commitment to excellence in application and customer oriented solutions. The Habasit Group engineering and consulting service network extends worldwide with local distribution and service in more than 70 countries.

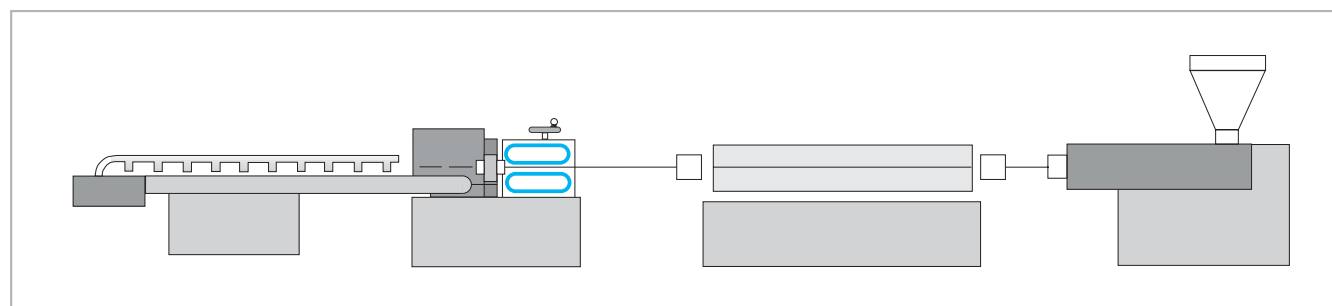


Product Description

Grabber™ PLR belts are used as part of an extrusion line to "pull" various types of products through the production process. Extruded material that has been sized and cooled enters the puller through a set of guide rollers. Two opposing belts then move the extrudate through the puller. Tracking of the belt is critical, as side-to-side movement must be minimized. Rigid standards are maintained in the production of Grabber™ PLR belts to provide exceptional belt tracking performance.

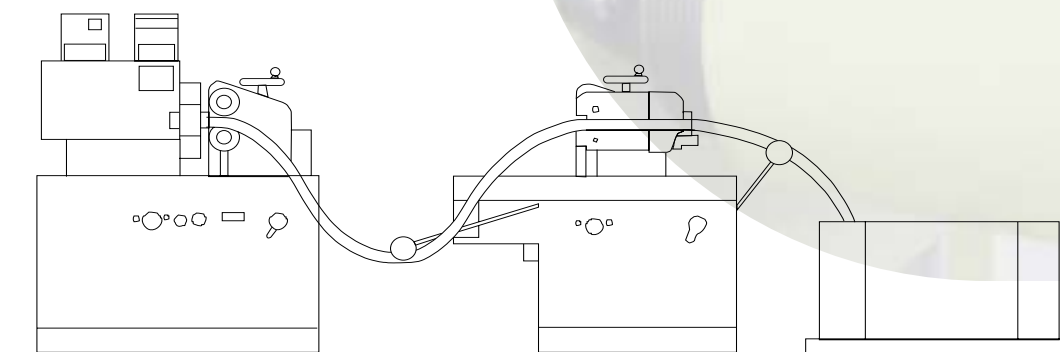
In determining the cover material, it is important to consider the tendency of the extrudate to deform under pressure. Thin wall shapes and tubing easily deform. The gap between the belts is controlled in order to set the pressure of the belts on the extrudate. Lowering belt pressure and using a high friction cover such as Habasit ABT Natural Rubber can improve product quality.

Grabber™ PLR belts are ground to a precise thickness tolerance assuring uniform pulling force with no damage to the extruded shape. Cover materials are molded to the substrate belt with no splice or seam in the cover, providing excellent life and consistent performance.



Features and Benefits:

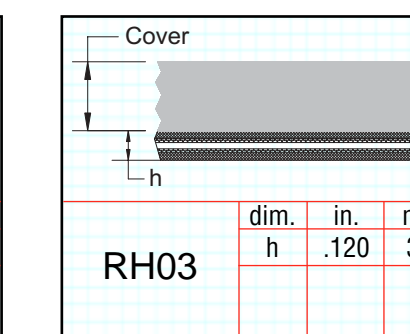
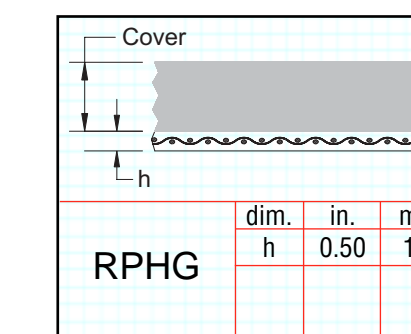
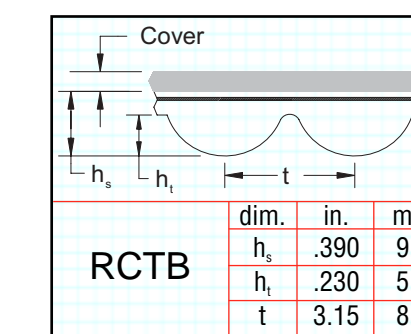
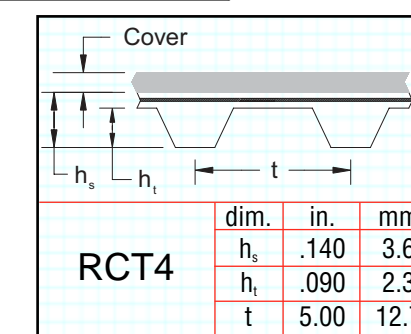
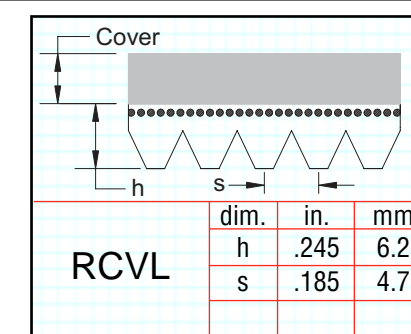
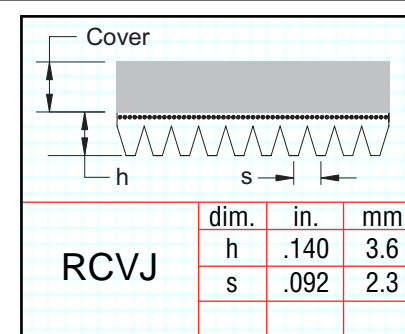
- Seamless covers: no splice, no delamination
- Designed for high friction and excellent abrasion resistance
- Precise Thickness
- FDA covers for Medical Applications
- Exceptional belt tracking
- Standard Sizes available with Poly-V, Timing or Flat Belt Substrates



Product Designation			Technical Data										Product Features						
Cover Material	Product Code	Product Group	Color	Surface Hardness Shore A	Cover Thickness in. (Min) mm	Cover Thickness in. (Max) mm	Operating Temp. °C (admissible) °F		Product Temp. °C (Maximum) °F		FDA Approved	Surface Structure	Dynamic Coefficient of Friction (Conveying side)		Abrasion Resistance	Description	Product Code		
													copier paper (Reference)	stainless steel (Reference)					
	H04	Natural Rubber	Red	35	.060	1.5	.750	19.1	100	212	100	212	yes	Ground	2.4	2.8	Good	Soft Natural Rubber for Maximum Grip and Resiliency	H04
	A01	Natural Rubber	Tan	40	.060	1.5	.750	19.1	100	212	100	212	yes	Ground	2.4	2.8	Good	Widely Used, Offers Good Friction and Wear	A01
	C01	Natural Rubber	Green	55	.060	1.5	.750	19.1	100	212	100	212	yes	Ground	3.0	2.1	Good	Blended Natural Rubber for Improved Wear and Excellent Friction	C01
	H03	Natural Rubber	Red	70	.060	1.5	.375	9.5	100	212	100	212	yes	Ground	1.6	1.5	Good	Reinforced Natural Rubber for Improved Wear Resistance	H03
	B01	Chloroprene Rubber	Gray	50	.060	1.5	.500	12.7	100	212	100	212	no	Ground	2.3	1.7	Good	Oil Resistant, Exterior Applications, Good Friction	B01
	E07	Chloroprene Rubber	Black	65	.060	1.5	.375	9.5	120	248	105	221	no	Ground	1.9	1.2	Good	Exterior applications, Alcohol, water and oil resistant	E07
	C03	Polyurethane Rubber	Green	55	.060	1.5	.375	9.5	100	212	100	212	no	Ground	1.6	1.1	Excellent	Good for high wear applications, Oil, Ozone and UV resistant	C03
	C02	Polyurethane Rubber	Green	70	.060	1.5	.375	9.5	100	212	100	212	no	Ground	1.4	0.8	Excellent	Best for high wear applications, Oil, Ozone and UV resistant	C02
	G06	Nitrile Rubber	White	60	.060	1.5	.500	12.7	130	266	130	266	yes	Ground	2.0	1.1	Very Good	FDA Approved for Medical and Food, Alcohol and water resistant	G06
	H11	EPDM Rubber	Red	60	.060	1.5	.750	19.1	130	266	170	338	no	Ground	1.9	1.9	Very Good	Heat resistant, good abrasion and friction; for exterior applications	H11

Minimum Pulley Diameters	Product Code	Material	Formula (mm)	Formula (in.)
	H04 A01 C01	35A Red Natural Rubber 40A Tan Natural Rubber 55A Green Natural Rubber	20 + 12.5 (Cover Thickness-4)mm	.75 + 12.5 (Cover Thickness-.15)in.
H03 B01 E07 C03 C02 G06 H11	70A Red Natural Rubber 50A Gray Chloroprene Rubber 65A Black Chloroprene Rubber 55A Green Polyurethane Rubber 70A Green Polyurethane Rubber 60A White Acrylo-Nitrile Butadiene Rubber 60A Red EPDM Rubber	20 + 25 (Cover Thickness-5)mm	.75 + 25 (Cover Thickness-.2)in.	

Substrate	Product Designation		Product Construction			Technical Data							
	Product Code	Product Group	Traction Layer	Pulley Side Material	Color	Thickness in. (reference) mm		Pulley Diameter in. (Min) mm		Operating Temp. °C (admissible) °F		FDA Approved	Surface Structure
	RCVJ	J Profile Poly-V	Polyester	Chloroprene Rubber	Black	.140	3.6	1.32	33.5	80	176	no	n/a
	RCVL	L Profile Poly-V	Polyester	Chloroprene Rubber	Black	.245	6.2	2.95	74.9	80	176	no	n/a
	RCT4	H Pitch Timing Belt	Fiberglass	Chloroprene Rubber, Nylon Facing	Black	.140	3.6	2.25	57.2	85	185	no	n/a
	RCTB	8mm Pitch Timing Belt	Fiberglass	Chloroprene Rubber, Nylon Facing	Black	.390	9.9	2.206	56.0	85	185	no	n/a
	RPHG	Panther H	Polyester	Chloroprene Rubber, Impregnated	Black	.050	1.3	0.75	19.1	120	248	no	Smooth
	RH03	S10/30	Polyamide	Acrylo-nitrile-butadiene rubber	Green	.120	3.0	1.20	30.5	100	212	no	Textured



All data are approximate values under standard climatic conditions 23°C/73°F, 50% relative humidity