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## Hi-Performance Industrial Needle felts



# ECOFILL endless, seamless 100% Round needle felted Conveyor- and Timing-belts

ECOFILL has created the next generation of endless seamless timing belts and conveyor belts that can withstand just about anything. ECOFILL-products have become the World wide benchmark in Needlefelt for Aluminum Extrusions, through it's high quality and innovations since the establishment of the company in 1987.

These HONESTY belts are designed to handle extremely heavy, hot and abrasive aluminum profiles while leaving no marks or dents behind. ECOFILL belts provide excellent value because they offer minimal stretch combined with superior life expectancy. We are invested in product innovation and are proud that our products have become the standard in the aluminum extrusion industry worldwide.

### Endless HONESTY Conveyor Belts

- Completely endless. No joints, seams or glue.
- Extremely high strength and minimal stretch.
- Colored base layer. Driving side provides 30% less friction on the belt-arm system combined with 40% more grip on the driving pulley preventing the belts from slipping even under high loads.
- Straight running, back and forward during operation.
- Made to your specifications including style, tracking guides, fibers and surface finish.



### Track and Trace

All belts (and roller covers too!) have a unique serial number along with a QR code for lifespan monitoring and reordering. The QR code allows you to order the exact same dimensions and style of belt. ECOFILL manufactures ALL belts used in aluminum extrusion from low temperature inspection belts up to the high temperature 1200F belts in the initial zone.

### Materials



Honesty Maxi Brown (Full PBO fiber) )  
1200 F



Honesty Maxi Top (Kevlar/PBO)  
1150 F



Honesty Maxi Top AG (Kevlar/Silon)  
1100 F



Honesty Maxi Yellow (100% Para Aramid)  
1020 F



Honesty Maxi White ( 100% Polyester)  
356 F



Kevlar Square Tracking Guides (Our endless belt can be equipped with various tracking guides)



Timing Belts (Ecofill has developed a unique way of needle punching bi-directional Endless Timing Belts)

### Factory Tailored Products & Spacer sleeves

Ecofill's exceptional attention to detail makes the difference! After many years of taking on challenging industrial demands, ECOFILL is offering high end customized solutions and products. ECOFILL manufactures industrial textiles and felts: roller sleeves, pads, strips, slats, conveyor belts, spacers and a lot more ; starting with the virgin fibers up to the tailored finished end product.

ECOFILL offers a comprehensive package from the product and technical advise through service and specialized equipment. This full range of products and services is designed to deliver maximum value to our customers. ECOFILL does support all our customers by developing custom solutions for all their application needs.







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## Roller Covers

### ECOFILL's Extensive Fiber Range

ECOFILL has introduced new high performance synthetic fibers for the aluminum extrusion industry. By introducing Golden Brown and Silon Australian Gold fibers we can offer a more economic and a wider range of felt products to meet any request. Our roller covers offer great value and quality for all applications from low temperatures to demanding applications with temperature resistance up to 1200F.

All HONESTY felt products can be resin impregnated. The resin impregnation increases the durability of the roller covers, belts,

and pads by making them more stiff. The hardness of the resin can be adjusted by the concentration of resin combined with the number of resin treatment cycles. In addition to higher durability resin impregnation will ensure that aluminum swarf and dirt do not stick to the felt!

### Short Delivery Times

Because we are running roller covers and belts on multiple needle looms we are able to comply with shorter delivery times even on a global scale.

### Features:

- Ecofill's HONESTY felt products are manufactured in our facility in Zoeterwoude, The Netherlands. Europe.
- Extremely dense, smooth and homogeneous felt surface.
- Optimal thermal insulation properties.
- Antistatic potential.
- Wide product range for all applications.
- A wall thickness range of 3.5mm - 13mm for most common ID's
- Special resin treatment for heavy presses.
- We use rounded needles in our needlepunch process to produce an endless, seamless product.



## Rubber / Compound Solutions

For the Aluminum Extrusion Industry we use different compounds of which following rubbers are mostly preferred:

NBR, EPDM, Hypalon and high performance polyurethane PU



### ECOFILL USA, INC

3200 E. Guasti Rd. | Suite 100 | Ontario | CA 91761 | USA | Phone: 909 456 14 89 | FAX: 909 456 14 88  
E-mail: info@ecofillusa.com | www: http://www.ecofill.com

