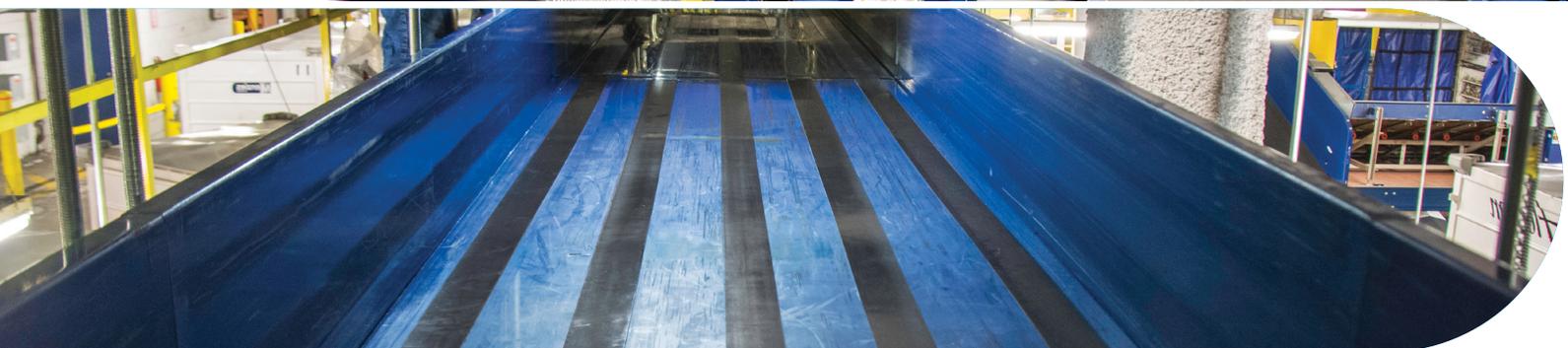


# DuraSurf™ STS UHMW-PE

Habasit – Solutions in motion



# DuraSurf™ STS

## Ultra low-friction Silicone Treated Surface



The package handling industry, specifically baggage transport, is incredibly abrasive. Heavy conveyed materials and belt lacing cause continuous high-friction contact on sidewalls and slider beds during operation. This can dramatically reduce belt life and increase wear and tear on slider beds. DuraSurf™ STS is the perfect solution to these common issues. DuraSurf™ STS is a UHMW-PE product that is applied directly to the slider bed or sidewall to provide a virtually maintenance free, low-friction surface for belts and conveyed materials to glide on.

DuraSurf™ STS protects slider beds, reduces maintenance time, provides energy savings, dramatically extends belt life, improves package flow, and cuts down static electricity.

DuraSurf™ STS provides these cost-effective benefits and is easily installed with no special tools needed.

### Protect Slider Beds

Applying DuraSurf™ STS to slider beds can extend the expected life span of slider beds by adding a layer of abrasion resistance superior to any other thermoplastic polymer and five times greater than stainless steel.

### Reduce Maintenance Time

Slider beds are prone to damage from lacing due to extended running times with no protection. This can lead to gouged areas of the bed, lace pull-out, or belt failure. DuraSurf™ STS provides a raised, slippery surface that drastically reduces friction and lace damage resulting in less down time.

### Lower Energy Consumption

Energy consumption is a growing priority and DuraSurf™ STS's low-friction properties greatly reduce the power needed to drive a conveyor system. Coupling this with Habasit's Eff-Line (E-saver) product line offers substantial annual energy savings and ROI.





## Improve Belt Life

Steel slider beds lose their smooth top surface and become abrasive over time. This can lead to excess heat and reversion buildup, accelerated lacing damage, and eventually belt failure. DuraSurf™ STS provides a reliable layer of protection and friction reduction.

## Increase Package Flow

Applying DuraSurf™ STS to sidewalls and other catch points can drastically increase package flow. High-friction areas can be eliminated, which will keep baggage and package lines running at a smooth, constant flow rate.

## Cut Down Static Electricity

The DuraSurf™ STS material dissipates static electricity to cut down on static shocks as well as potential damage to bar coding and other electronic systems.

DuraSurf™ STS is offered in a thin continuous roll with pressure sensitive, adhesive backing. Installation is as easy as properly cleaning the application surface, positioning the strips, and applying pressure with a mechanical roller. Proper installation ensures that DuraSurf™ STS will provide a slick, long-lasting solution to damage, wear, friction and energy usage.

### Physical property benefits:

- High abrasion resistance
- Outstanding impact strength
- Excellent slide properties
- Self-lubricating
- Good chemical resistance
- Easily formed and configured
- Sound dampening properties



**Australia**

Habasit Pty Ltd.  
Silverwater  
Phone: +61 1300 945 455  
www.habasit.com.au

**Austria**

Habasit GmbH  
Wien  
Phone: +43 1 690 66  
www.habasit.at

**Belgium**

Habasit Belgium N.V.  
Zaventem  
Phone: +32 27 250 430  
www.habasit.be

**Canada**

Habasit Canada Ltd.  
Oakville  
Phone: +1 905 827 41 31  
www.habasit.ca

**China**

Habasit East Asia Ltd.  
Hong Kong  
Phone: +85 221 450 150  
www.habasit.com.hk

Habasit (Shanghai) Co. Ltd.  
Shanghai  
Phone: +8621 5488 1228  
Phone: +8621 5488 1218  
www.habasit.com.hk

**France**

Habasit France S.A.S.  
Mulhouse  
Phone: +33 389 338 903  
www.habasit.fr

**Germany**

Habasit GmbH  
Eppertshausen  
Phone: +49 6071 969 0  
www.habasit.de

**India**

Habasit-lakoka Pvt. Ltd.  
Coimbatore  
Phone: +91 422 262 78 79  
www.habasitlakoka.com

**Italy**

Habasit Italiana SpA  
Customer Care:  
Phone: 199 199 333  
For int. calls: +39 0438 911 444  
www.habasit.it

**Japan**

Habasit Nippon Co. Ltd.  
Yokohama  
Phone: +81 45 476 0371  
www.habasit.co.jp

**Netherlands**

Habasit Netherlands BV  
Nijkerk  
Phone: +31 332 472 030  
www.habasit.nl

**New Zealand**

Habasit Ltd.  
Auckland  
Phone: 0800 000 070  
www.habasit.co.nz

**Poland**

Habasit Polska Sp. zo.o.  
Dąbrowa Górnicza  
Phone: +48 32639 02 40  
www.habasit.pl

**Russia**

OOO Habasit Ltd.  
St. Petersburg  
Phone: +7 812 600 40 80  
www.habasit.ru

**Singapore**

Habasit Far East Pte. Ltd.  
Singapore  
Phone: +65 686 255 66  
www.habasit.com.sg

**Spain**

Habasit Hispanica S.A.  
Barberà del Vallès  
Phone: +34 937 191 912  
www.habasit.es

**Sweden**

Habasit AB  
Hindas  
Phone: +46 30 122 600  
www.habasit.se

**Switzerland**

Habasit GmbH  
Reinach  
Phone: +41 61 577 51 00  
www.habasit.ch

**Taiwan**

Habasit Rossi (Taiwan) Ltd.  
Taipei Hsien  
Phone: +886 2 2267 0538  
www.habasit.com.tw

**Turkey**

Habasit Kayis San. Ve Tic. Ltd. Sti.  
Yenibosna-Bahcelievler-Istanbul  
Phone: +90 212 654 94 04  
www.habasit.com.tr

**Ukraine**

Habasit Ukraine LLC.  
Vinnitsa  
Phone: +38 0432 58 47 35  
www.habasit.ua

**United Kingdom and Ireland**

Habasit (UK) Ltd.  
Silsden  
Phone: +44 844 835 9555  
www.habasit.co.uk

**USA**

Habasit America  
Conveyor belts, power  
transmission belts, gearmotors  
Suwanee, Georgia  
Phone: +1 800 458 6431  
www.habasitamerica.com

Habasit America  
Seamless belts, timing belts  
Middletown, Connecticut  
Phone: +1 860 632 2211  
www.habasitamerica.com

**Rossi** is one of Europe's largest manufacturers of gear reducers, gearmotors, inverters, standard and brakemotors, and is a member of the Habasit Group.

Rossi S.p.A.  
Via Emilia Ovest 915/A  
41123 Modena – Italy  
Phone: +39 059 33 02 88  
www.rossi-group.com  
info@rossi-group.com

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice.

EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.

**Habasit America**

805 Satellite Blvd  
Suwanee, GA 30024  
Phone: +1 800 458 6431  
Fax: +1 800 422 2748  
E-mail: info.america@us.habasit.com  
www.habasitamerica.com

Publication data:  
4370BRO.ACC-en0514USA