

# TRESU

Proven long-term performance with TRESU Customer Care

## Extending Performance



# SERVING THE INDUSTRY FOR 40 YEARS

## Extending performance with genuine parts

In order to keep your printing equipment and your business running be sure to perform maintenance and replace wear parts when needed – and to choose the right supplier with the right products, spare parts and experience.

If you choose products, that are not designed and optimized for the purpose, you risk unexpected interruptions with increased downtime. This can jeopardize the performance of your equipment- and the result of your business.

Stay ahead and benefit from TRESU's 40 years of experience, patents and innovative cooperation with leading players in the industry.

If you have chosen TRESU chamber doctor blade systems, why would you buy spare parts in any other quality than the genuine from TRESU?

### Replacing wear parts - when needed

MTBF or MTBM? If you think finding the optimal Mean Time Between Failure (MTBF) - or Mean Time Between Maintenance (MTBM) - sounds complex, then we can help you optimize your spare part supply situation.

### Safety

Genuine TRESU end seals are designed from the right compounds and with the right geometry in order to safeguard your print job on the long run.

### Performance

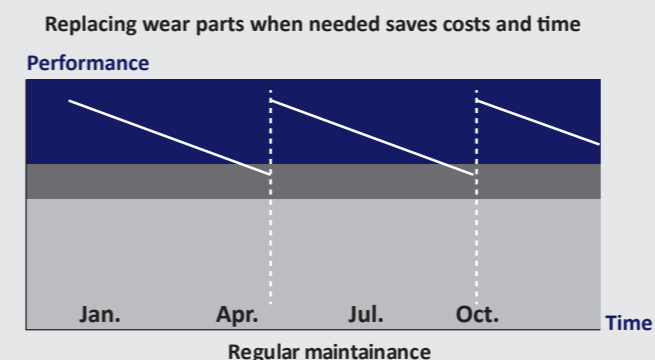
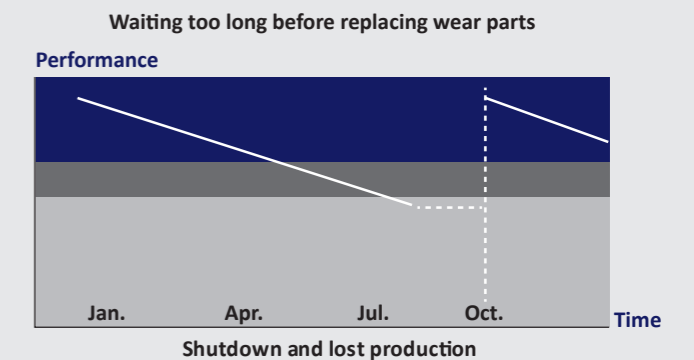
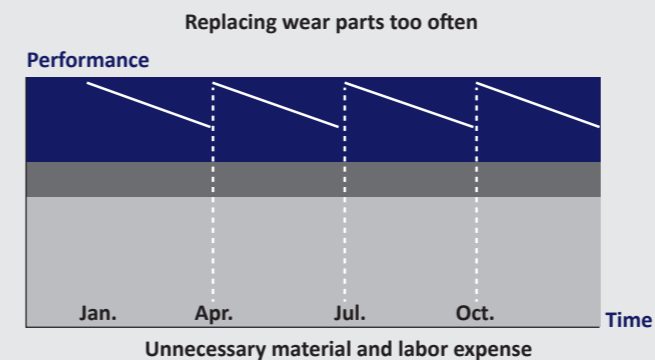
Your TRESU doctor blades are backed and supported. Non-genuine aftermarket wear parts are often sold to be used in a variety of different chambers- and can result in the need for parts replacement or repairs.

### Durability

The right recipe of your cleaning detergents will extend the performance of your equipment and reduce your cost of printing by reducing waste and downtime.

### Order on-line 24/7

Genuine TRESU parts are available online 24/7- shop by press, part, category or part number – we ship to all destinations.



**Replacing wear parts when needed will save you from unnecessary downtime and service based on costly and time-consuming assumptions. TRESU can help you optimize your spare- and wear part supply situation.**

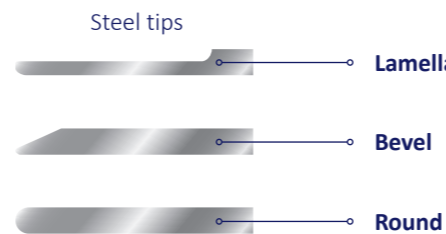
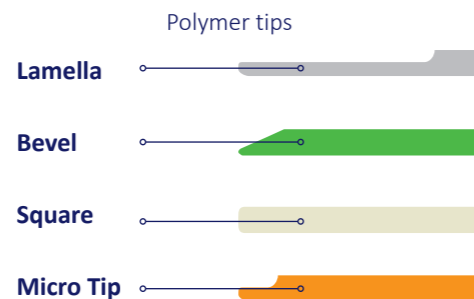
# TRESU Doctor Blades Selection Platform



Series	TRESU Polymer Blades			TRESU Carbon Steel Blades			TRESU Stainless Steel Blades			TRESU Alloyed Tool Steel
Product	PolyBlade	TRUPOINT Green	TRUPOINT Orange	EcoBlade	DuraBlade	EndureBlade	InoxBlade	DuralInoxBlade	EndureInoxBlade	EndurexBlade
Doctoring quality	●●●●●○○○○	●●●●●○○○○	●●●●●○○○○	●●●○○○○○○	●●●●●○○○○	●●●●●○○○○	●●●○○○○○○	●●●○○○○○○	●●●●●○○○○	●●●●●○○○○
Corrosion resistance	●●●●●●●●	●●●●●●●●	●●●●●●●●	●○○○○○○○○	●●○○○○○○○	●●○○○○○○○	●●●●●●○○	●●●●●●○○	●●●●●●○○	●●●○○○○○○
Wear resistance	●●●○○○○○○	●●●●●○○○○	●●●●●○○○○	●●○○○○○○○	●●○○○○○○○	●●●○○○○○○	●●●○○○○○○	●●●○○○○○○	●●●●●○○○○	●●●●●●●●
Material	Polymer	Polymer	Polymer	High quality carbon steel	Refined carbon steel	Refined carbon steel	High quality stainless steel	Refined stainless steel	Refined stainless steel	Micro alloyed tool steel (Nano technology, no ceramics)
Surface treatment	No	No	No	No	No	Nano technology. No ceramics.	No	No	Nano technology. No ceramics.	Nano technology. No ceramics.
Anilox wear resistance	●●●●○	●●●●●	●●●●●	●●●●○	●●●●●	●●●●●	●●●○○	●●●○○	●●●●●	●●●●●
Characteristics	Flexible and durable containment blade, reduce anilox scoring and back doctoring. Safe to handle.	Metering blade for corrugated printers, high quality graphics, stiff, resistant to mechanical creep and long lasting. Safe to handle.	Metering blade for narrow web and digital priming/coating, with extra long blade life, no anilox scoring. Safe to handle.	Low anilox and gravure cylinder wear. Good print quality. Economic blade at a fair price point.	Good print quality and lifetime. Less risk of metal hair formation and burr. Reduces anilox and gravure cylinder wear.	Long life wear resistance. Perfect for abrasive inks. Less chamber adjustments. High print quality –cleaner wipe.	Helps against corrosion. Long blade life. Oxidation and abrasion resistance.	Helps against corrosion. Excellent wear characteristics. Better oxidation and abrasion resistance.	Long life wear resistance. Perfect for abrasive inks. Less chamber adjustments. High print quality –cleaner wipe.	Extra long life wear resistance. High quality micro alloyed tool steel
Hardness	N/A	N/A	N/A	HV 595	HV 595	HV 850	HV 560	HV 580	HV 850	HV 850



Fastest doctor blade change in the industry



**Lamella** Lamella profiles are used in coating but also gravure and flexo printing. A lamella profile wipes well, up to the point that the contact zone becomes too large. They are available in different angles- pls. inquire for more details.

**Bevel** Bevel profiles are mostly used in coating, but also gravure and flexo printing. This profile wipes well up to the point that the contact zone becomes too large. They are available in different angles- pls. inquire for more details.

**Round** Round tips are used in flexo, gravure, lamination and coating segments. They feature polished radius ends for instant run in and an excellent seal against the roller. Double sided radius edge. Pls. inquire for more details.

# TRESU End Seal Selection Platform



Sealing	FeltSeal	FoamSeal	TRESU LipSeal			VacSeal Patented	KnifeSeal DUO	KnifeSeal ASYM.
<b>Material</b>	Greased felt (Wool).	Polyethelen foam.	EPDM	FKM	Desmopan. Polyurethan (PUR).	EPDM	EPDM and PE	EPDM and PE
<b>Ink or varnish system</b>	Water based and high resistance to most solvent fluids.	Water based or UV based inks and varnish.	Water based inks, varnish and some solvents.	Solvents	Water based inks and varnish.	Water based and UV based inks and varnish.	Water based and UV based inks and varnish and some solvents.	Water based and UV based inks and varnish.
<b>Wear resistance</b>	●●●○○	●●○○○	●●●●●	●●●●●	●●●●●	●●●○○	●●●●○	●●●○○
<b>Chemical resistance</b>	●●●●○	●●○○○	●●●●○	●●●●●	●●●○○	●●●●○	●●●●○	●●●●○
<b>Sustainability</b>	●●●●●	●●●○○	●●○○○	●○○○○	●●●○○	●●○○○	●●○○○	●●○○○
<b>Characteristics</b>	Often used in corrugated, gluing- and special applications. Food grade approved.	Often used in narrow web, label and reservoir chambers.	Often used in offset due to high wear resistance.  Suitable for most applications, substrates and speeds.	Often used in offset due to high wear resistance.  Suitable for most applications, substrates and speeds. High chemical resistance.	Often used in offset application and narrow web.	Often used in offset, narrow web applications and reservoir chambers.  Suitable for most applications, substrates and speeds incl. pressurized chambers.	This design is mainly used to high speed applications (>600m/min.) Flexo.	This asymmetric design is used for wider containment blades, mainly in high speed (>600m/min.) Flexo.
<b>Sizes</b>	D0- D5	D0- D1	D1- D5	D3- D5	D2, D4	D1- D3	D3	D4

# TRESU Cleaning Detergents Selection Platform



Cleaning detergents	TRESU Wash & Print WB Ready	TRESU Wash & Print WB	TRESU Wash & Print UV	TRESU Wash & Print UV Special	TRESU Wash & Print UV Special	TRESU Wash & Print Solvent	TRESU Wash & Print Floor	TRESU Wash & Print Anilox
Application	Water Based	Water Based	UV	UV	UV	Solvent	Floor	Anilox
Dilution rate	Diluted 1:5	Mix 1 liter of WB with 10 liters of water Mix 33 oz of WB with 2.6 gallons water	Undiluted	Undiluted	Undiluted	Undiluted	Mix between 1:10 and 1:50 diluted with water	Undiluted
pH value	11 ± 0,5	11 ± 0,5	8,5-9,5	Not specified	Not specified	Not specified	13,3 ± 0,5	6,0 ± 0,5
Foaming	Low	Low	Low	Low	Low	Low	Low	Low
Biodegradable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Volume & weight	1 kg 2.2 lbs	20 kg 44 lbs	20 kg 44 lbs	1 kg 2.2 lbs	20 kg 44 lbs	20 kg 44 lbs	5 kg 11 lbs	1 kg 2.2 lbs
Transport and storage	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F

We can supply products sizes in larger quantities on demand.

- **Special recipe only from TRESU**
- **Biodegradable**
- **Low foaming**

# Built on Quality - with Care for the Environment

## ISO9001:2015

We know that availability of our products means the world to our customers- it always has.

We understand that our offerings are critical in terms of the availability of your machines. Supplying proven printing technology is our business. Each and every day. Of course, we are ISO 9001 certified.

To us quality is not just a key to market access – it goes far beyond that.



## ISO14001:2015

When you select TRESU as your responsible supplier, you can rest assured, that we have carefully selected ours.

Right from the sub-supplies, to shipping and to unboxing the delivered parts, a sustainable footprint is our major concern.

We strive to continuously drive down energy consumption and waste and increase the use of biodegradable products when possible.

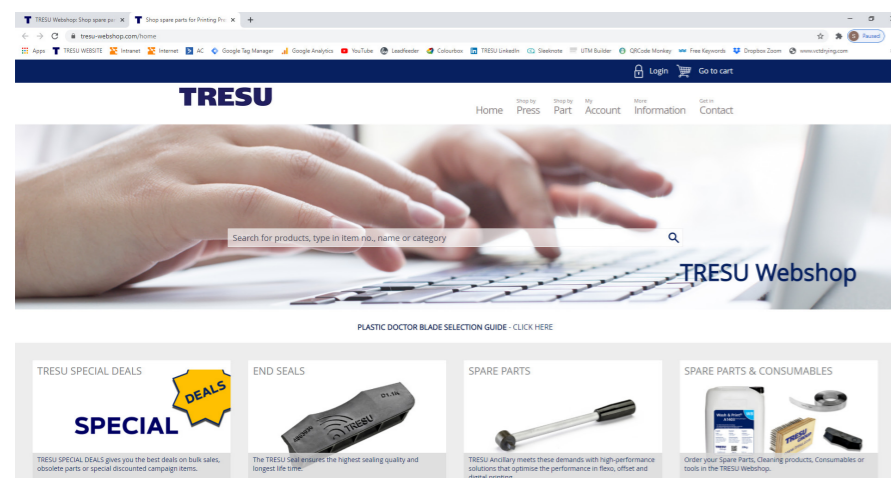
Our aim is to push this agenda even further and choosing TRESU spare- and wear parts will put you on the road to a more sustainable production.

# READY FOR ANOTHER 40

## TRESU webshop

We have put together a special selection of frequently purchased genuine spare parts and consumables in order to extend the performance of your TRESU equipment:

<https://www.tresu.com/webshop>



**Direct, fast, secure, and convenient on-line portal for ordering genuine spareparts & consumables:**

- Save time and money
- Order around the clock – daily shipping
- Worldwide delivery
- Genuine spare parts & consumables

**Shop genuine spare parts - by press, part or item number!**





TRESU is a highly specialized company offering flexoprinting machines and ancillary products and concepts for flexo, digital and offset printing as well as customer service and technical support.

TRESU has 40 years of experience and expertise in the development, production and maintenance of engineered solutions and supplies directly to end-customers, OEMs and partners worldwide.

TRESU has production facilities in Denmark and sales companies in USA, Germany, Italy, Japan and China as well as an international agency network providing local support and know-how.

**TRESU A/S**

DK-6000 Kolding  
DENMARK  
+45 7632 3500

**TRESU GmbH**

D-31157 Sartstedt  
GERMANY  
+49 5066 9174286

**TRESU Japan Co., Ltd.**

559-0033 Osaka  
JAPAN  
+81 6 4703 060

**TRESU Americas**

Grapevine, TX 76051  
USA  
+1 214 631 2844

**TRESU Italia s.r.l**

I-20024 Garbagnate Milanese (MI)  
ITALY  
+39 0296 59 202

**TRESU China**

100062 Beijing  
CHINA  
+86 (0) 10 65911628

SPARE PART HUB US & AMERICAS  
Spareparts-us@tresu.com

SPARE PART HUB EU & ASIA  
Spareparts@tresu.com

Venusvej 44 | DK-6000 Kolding | Denmark  
Tel.: +45 76 32 35 00 | tresu@tresu.com

**TRESU**

Sign up on [tresu.com](http://tresu.com) and stay connected  
[www.tresu.com](http://www.tresu.com)