

# End Seals for Chamber Doctor Blade

**Compatible and equivalent  
end seals for all types of  
Flexo and coating machines**

Windmüller & Hölscher, Uteco, KBA Flexotecnica,  
Fischer & Kreck, Comexi, Allstein, Expert, Giugni,  
Soma, Bobst, Martin, Göpfer, Word, Dong Fang,  
Curioni, Gallus, Omet, Pagendarm, Polytype  
Converting, Kroenert, Tresu, Harris & Bruno



**Fast delivery  
in 24h**



**International  
Shipping**

rev.00\_05.2024 - EN/2024



We disclaim any relationship  
or shareholding with the  
producers mentioned above

Ulmex produces end-seals that guarantee excellent and constant performance over time. They are produced using the highest quality materials and are suitable for all models of closed doctor blade chambers for FLEXO machines, in particular for the packaging and coating doctor chamber. Ulmex end-seals are manufactured with patented elastomers with an excellent "memory" effect and excellent wear resistance.

In addition to those made of Foam, Ulmex also produces rubber end-seals for molding.

Ulmex end-seals ensure resistance to high temperature, wear and solvents.

The production of the end-seals is implemented directly by Ulmex using an advanced digital cutting center.

This latest generation system ensures high precision in perimeter cutting, guaranteeing a perfect geometry. The offer is completed by the execution of holes and milling on request.

## What makes our end-seals different

Ulmex end-seals are produced with the highest quality materials and they are suitable for all closed doctor blade chamber models for Flexo machines. Thanks to patented elastomers, they offer an excellent "memory" effect and excellent wear resistance.

## Our strengths

Our warehouse is equipped with plates of different materials, which cover our entire range to meet our customers' different needs, and guarantee very fast deliveries. Furthermore, the high precision of the perimeter cut guarantees a perfect end-seal.



**Watch the video**

[youtu.be/AFwJuW2x1Dk](https://youtu.be/AFwJuW2x1Dk)

## Characteristics



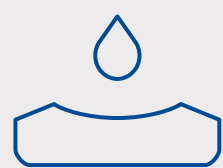
**Excellent Memory  
Effect**



**Resistant to High  
Temperatures**



**High Wear  
Resistance**









**Resistant  
to Solvents**

## Accessories

Impregnating spray cans, tubes of vaseline, and certified grease for food usage in accordance with NSF H1 regulations.



Materials	PLASTAZOTE	EPDM	EVA 100	EVA 200	XTREME	XTREME PLUS 13
						
<b>Technical features</b>						
<b>Hardness/Density</b>	12-14 Shore A	15 Shore A	30 Shore A	40 Shore A	24 Shore A	13 Shore A
<b>Suitable for ink</b>	Solvent based Water based	Solvent based Water based	Solvent based	Solvent based	Solvent based Water based	Solvent based Water based
<b>Elasticity</b>	Medium	Low	Low	Low / Medium-Low	High	Very High
<b>Lifetime</b>	Medium	High	Medium	Medium	High	High
<b>Print application</b>	Paper Cardboard	Film Paper	Film	Film	Film Paper Cardboard	Film Paper

Materials	XTREME PLUS 18	XTREME PLUS 25	LONG LIFE	VULKOLLAN	NBR - RUBBER	FELT
						
<b>Technical features</b>						
<b>Hardness/Density</b>	18 Shore A	25 Shore A	30 Shore A	25 Shore A	75 Shore A	
<b>Suitable for ink</b>	Solvent based Water based	Solvent based Water based	Solvent based Water based	Solvent based Water based	Solvent based Water based	Water based
<b>Elasticity</b>	Very High	Very High	Medium	Very High	Low / Medium-Low	Low
<b>Lifetime</b>	High	High	Very High	High	High / Very High	Very High
<b>Print application</b>	Film Paper	Film Paper	Film Paper Cardboard	Labels	Cardboard Coating Painting	Cardboard Coating Painting

## NEW ULTRA SEAL



**Types of materials**  
Different materials



**Suitable for**  
Solvent or  
water-based ink



**Elasticity**  
High



**Duration**  
Long



**Printing application**  
Film, paper, cardboard  
and painting






## Advantages and characteristics of our Ultra End Seals

- ▶ Long life of the end-seals in the machine and excellent elasticity which guarantees optimal and continuous ink hold
- ▶ Use of the same end-seals throughout the work week, suitable for long processes
- ▶ They can be combined with highly performing doctor blades in terms of durability and which have a ceramic coating
- ▶ Insert with the same radius of curvature as each single end-seal profile

## Types of inserts and special versions

We have all types of inserts, glued and not, of various sizes and geometries. They are all produced internally, thanks to our work centers that are appropriate for the versatility of these processes.

NEW		NEW			
Insert with double anchoring	Single milled teflon insert	Double milled teflon insert	Double pin insert	White teflon coating	Rubber base and felt insert
					
Ultra Seal					

## Types of treatments

We are able to satisfy all our customers' needs. We have a wide range of treatments, grease impregnated, impregnating spray for water-based inks, coating layer.

Impregnating spray (for water-based inks)	Special coating layer	Grease impregnation
		

## Processing

We are characterized by the versatility of our production; in fact, we are able to produce any type of end-seal processing and in extremely rapid times.

Special versions	Double material	Longitudinal milling	Radial milling	3D profiles	Milling and Holes
					

## NBR End-Seals

NBR End-Seals obtained from the mold.

Bobst Masterflex	Tresu	Krönert	F&K
			