



# PRINTBLADE

Printing Industry & Doctor Blades

## Ink Chamber End Seals



In addition to our **Doctor Blade** range, **PrintBlade** also offers a high quality set of ink chamber end seals.

The **PrintBlade** ink chamber end seals are supplied in various material types and each type can be tailored to your own production needs. It is of great importance to use high quality end seals in a high paced production environment, in order to avoid leakage and end seal friction issues. Using higher quality end seals, ensures a longer seal life and less downtime from the frequent changes and leaks experienced with cheaper end seals.

Our **PrintBlade** ink chamber end seals are made for an optimum fit in the chamber and create a perfect seal against the anilox.



### LD 40

The **LD 40** seal is made of polyethylene synthetic, making it suitable for almost all applications and ink formulations. In order to maintain optimum production results, this seal should be changed rather than cleaned after each application.

The **LD 40** seal due to its material composition, adapts very easily to the outline of the chamber, making it an ideal seal for those applications, which have variable chamber geometries.

### ZVK

The **ZVK** seal is made of pure synthetic rubber with a very long production life.

The **ZVK** seal is often used for oil-based and UV ink formulations. The **ZVK** seal has less flexibility but it does return well into its original shape.

Storage of the **ZVK** seal is important as its material composition is both light and oxygen sensitive, and should be kept stored in a protected environment.



### NW

The **NW** seal is made of a rigid synthetic composition making it ideal for all inking systems.

The **NW** seal is slim-fit making it ideal for those doctor blade chamber systems, which requires a thin seal.

The **NW** seal has excellent results in use with UV inking systems.



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## Air 80

The **Air80** seal is made of a special synthetic with extremely high restoring strength and excellent chemical stability. The **Air80** seal is primarily recommended to use with solvent-based ink formulations, but also works well in combination with water-based inks. The **Air80** seal can be used on high-speed printing presses, and it has the advantage that it can be coated on the sealing surface with PTFE Coating, reducing friction and cutting down the accumulation of dried ink on the sealing area.



## Longlife

The **Longlife** felt seals are treated with a thermal impregnation formula to increase its already long lifespan even further. The **Longlife** felt seals stay almost 100% tight over very long periods.

The **Longlife** felt seals come in a multitude of variants and sizes as it must be tailored specifically to fit each individual doctor blade chamber due to the felt material deformation resistance properties.



## Universal

The **Universal** seals are ideal for specialist chamber systems (e.g. TRESU) as they come in a complex shaping created by the injection molding process.

The **Universal** seals are highly wear-resistant and can be used for various systems or manufacturer ink ducts. Relatively large production volumes are required in order to produce these very high end **Universal** seals.



## Lubrication grease for seals

The sealing surfaces should always be properly greased with specialised lubrication grease before each seal use and after cleaning.

We supply lubrication grease in 100 ml or 250 ml tubes.