

Precision in flexographic printing

High-performance doctor blades

In flexographic printing, it is not a single component that determines print quality, but rather the perfect interaction between the ink chamber, doctor blade, and anilox roller.

Gallus doctor blades are therefore precisely matched to all related components and designed to meet the highest production requirements. This ensures controlled and uniform ink transfer even at production speeds of up to 200 m/min.



Soft Line



Classic Line



Top Line

- ✓ **Optimised for long-lasting performance:** The use of high-quality metal alloys ensures high resistance to abrasion and corrosion. This significantly extends the service life of the doctor blades, reduces maintenance requirements, and minimises machine downtime.
- ✓ **Maximum productivity in the printing process:** The doctor blades meet today's requirements for modern printing processes and are suitable for different ink systems. Optimised geometrical design, high robustness, and high-quality alloys significantly reduce ink spitting, foaming, and blade jumping.
- ✓ **Quality that prevents consequential damage:** The high-quality material and alloy of the doctor blades protect the surface of the anilox roller and minimize abrasive wear. This extends maintenance intervals and reduces replacement investments.
- ✓ **Experience what makes the difference:** Gallus has many years of expertise in flexographic printing and understands the requirements of modern printing processes in detail. This in-depth understanding enables solutions that not only work, but also increase efficiency, quality, and process reliability long term.

Our product range at a glance



Soft Line

The special coating on the Soft Line doctor blade significantly reduces ink adhesion and reliably prevents ink spitting and streaking. The soft design also protects the anilox roller from damage and makes the doctor blade ideal as an efficient sealing knife.

- Reduced back doctoring and ink spitting
- Suitable for use with varnishes and UV inks
- High cost-effectiveness for short and medium run lengths
- Corrosion protection

Soft Line		
Material	Dimensions in mm	Machine
GL. 0202297/00	368 x 20 x 0.25	Gallus One 340, Gallus Five 340, Gallus Labelmaster 340, Gallus Labelfire 340, Gallus ECS 340, Gallus RCS 330, Gallus EM 340 S
GL. 0202300/00	468 x 20 x 0.25	Gallus One 430, Gallus Five 430, Gallus RCS 430, Gallus Labelmaster 440
GL. 0202303/00	538 x 20 x 0.25	Gallus EM 510 S
GL. 0202306/00	588 x 20 x 0.25	Gallus Labelmaster 570
GL. 0202309/00	608 x 20 x 0.25	Gallus RCS 570

Classic Line

The Classic Line doctor blade is the versatile standard for a wide range of printing applications. For medium to high run length, it offers a balanced combination of abrasion resistance, process stability, and economical service life.

- Reliable process performance
- High cost-effectiveness for medium and high run lengths
- Suitable for any printing application
- Lamellar shape
- Corrosion protection



Classic Line		
Material	Dimensions in mm	Machine
GL. 0202298/00	368 x 20 x 0.25	Gallus One 340, Gallus Five 340, Gallus Labelmaster 340, Gallus Labelfire 340, Gallus ECS 340, Gallus RCS 330, Gallus EM 340 S
GL. 0202301/00	468 x 20 x 0.25	Gallus One 430, Gallus Five 430, Gallus RCS 430, Gallus Labelmaster 440
GL. 0202304/00	538 x 20 x 0.25	Gallus EM 510 S
GL. 0202307/00	588 x 20 x 0.25	Gallus Labelmaster 570
GL. 0202310/00	608 x 20 x 0.25	Gallus RCS 570



Top Line

The Top Line doctor blade is a premium product with double coating and special high-performance steel for maximum stability and process reliability. As an effective troubleshooter, it ensures controlled printing processes even under demanding conditions.

- Suitable for high printing speeds with UV and water-based inks
- High cost-effectiveness for medium and high run lengths
- Suitable for highly abrasive inks and varnishes
- Wedge shape
- Corrosion protection

Top Line		
Material	Dimensions in mm	Machine
GL. 0202299/00	368 x 20 x 0.25	Gallus One 340, Gallus Five 340, Gallus Labelmaster 340, Gallus Labelfire 340, Gallus ECS 340, Gallus RCS 330, Gallus EM 340 S
GL. 0202302/00	468 x 20 x 0.25	Gallus One 430, Gallus Five 430, Gallus RCS 430, Gallus Labelmaster 440
GL. 0202305/00	538 x 20 x 0.25	Gallus EM 510 S
GL. 0202308/00	588 x 20 x 0.25	Gallus Labelmaster 570
GL. 0202311/00	608 x 20 x 0.25	Gallus RCS 570

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	250 pieces	500 pieces	1'000 pieces
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