



FREUDENBERG XPRESS

Freudenberg Xpress delivers fast sealing solutions with proven reliability for maintenance, prototyping, and low-volume production needs.

We have a unique benchmark for it: The Original!

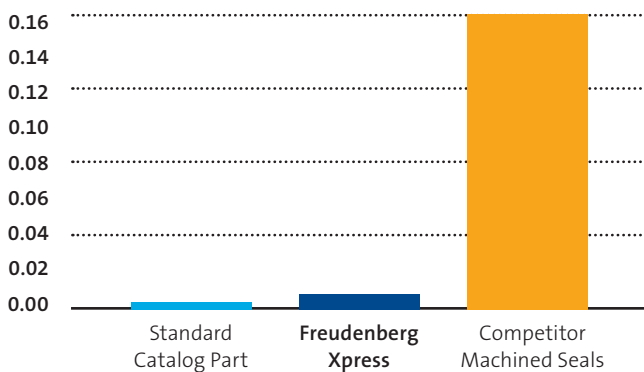
As one of the world’s largest seal manufacturers, all of our seals are based on proven designs. This maximizes life expectancy and ensures reliable performance in virtually any application.

Throughout the world, dedicated Xpress sites are located right in our production plants. This way, you will directly benefit from more than 110 years of production know-how coupled with the exacting quality standards of our established production. For our customers this means no compromise in the functional safety of your seal—even if time is short.

Freudenberg Xpress seals are a dependable compliment to the original standard catalog part.

Leakage (G) per 1,000 double strokes

Leakage behavior of a machined rod seal NI 300/DS 117 (field test results)



Test Requirements:
 400 bar 100°C
 0.3 m/s 50,000 double strokes

VALUES FOR THE CUSTOMER

Tailor-made, economic and fast, Freudenberg Xpress minimizes your downtime and maximizes your flexibility. We produce customized seals and guides—as a single piece or in economic small batches. Our service includes:

- Customized sealing solutions
- Based on your drawings or ours
- Expert advice available
- Original profiles and materials as used in standard production (some FDA compliant)
- Located conveniently near you
- Fast delivery for quick maintenance needs—within 24 hours, if needed
- Economic production of small batches
- Prototyping

Manufacturing Expertise

Seals manufactured by Freudenberg Xpress match the excellence of the standard products by using original materials and original seal geometries.

FEATURES AND BENEFITS

Tailor-made for heavy industry— original Merkel seal designs and materials

The Freudenberg Xpress service is comprised of nine product series for heavy industry applications including endless, tailor-cut or precision-jointed versions. The basic seal rings are all provided by our standard production. Guides and chevron sets are cut to the required sizes and are delivered as open versions. A specially developed bonding technique allows a customizable diameter range for wipers and Simmerring® shaft seals.



Merkel Guivex SBK and KBK, as well as the SB and KB types—guides made of resin-bonded fabric



Merkel Radiamatic RPM 41
Simmerring shaft seal designed for work rolls in steel mills



Merkel P 6 and P 9 Wipers with supporting elements respectively for additional sealing capability



Merkel Enviromatic EA*
Innovative deflector for challenging applications



Merkel EK and ES
Robust chevron sets designed for older cylinder systems

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

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