

CUSTOM FLEX

old world craftsmanship

new age technology

Custom Flex Precision End Seals

Custom Flex offers a complete selection of end seals that deliver long-lasting performance. These seals outperform the competition because of superior materials and a proprietary machining process that creates a better seal.



No Die Required!

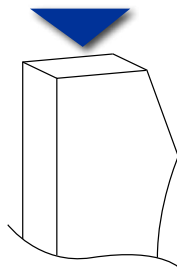
Reduced cost, faster turn-around.

Custom Flex end seals are CAD designed and digitally archived. There is no die required with our proprietary AquaShear™ machining process. You save time, labor and material!

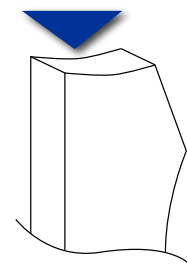
Digital archiving means you get the same precise end seals with every order. Plus, changes no matter how big or small, are made to digital files easily and without additional charges.

AquaShear™ Precision Machining

End seals are traditionally manufactured with a die-cutting process that produces an irregular, concave sealing edge. Custom Flex end seals are manufactured using AquaShear™, a precision machining process that produces a clean, square seal edge. The sharper, undistorted end seal has more surface area to create a more effective seal and also offers longer seal life.



AquaShear™
machining creates
more surface area
to seal the doctor
blade chamber
more effectively.



Die cutting
an end seal
creates an
irregular,
concave
sealing
edge.

How do I order?

Simply send us a sample of your current end seal or a dimensional drawing. Our product specialists will then match up the shape and material and cut you some sample pieces for trial runs. That way you know the seal works effectively before you buy it, and we can make any necessary changes before you have inventory in house. This is just another way we try to save you money and downtime.

**Custom Flex precision end seals...
more choices for your specific application.**



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**End Seals
Doctor Blades
Performance**

CUSTOM FLEX

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High-Grade Felt

Custom Flex high-grade felt is 95% pure wool fiber creating a seal that holds its shape and delivers long-lasting performance. Felts are available dry or pre-lubricated with Petrolatum.



Medium Grade Felt

Medium Grade Felt - 85-95% wool content. Softer felt that compresses easier than High-Grade Felt. Conforms well to the anilox roll for leak prevention.



Medium-Density Crosslink

Good all-around material for short to medium length runs. Very economical, with good shape retention and memory. Crosslinked material will not absorb liquids.



High-Density Crosslink

Ideal for medium to long runs. Extra firm for better shape retention. Cross-linked material will not absorb liquids.



Neoprene (Pure & Blends)

Offers excellent abrasion resistance. Used mainly for long run jobs, with high abrasion inks or lower line count aniloxes.



Open Cell Poly

Medium density open cell material. Used mainly in front loading chamber designs. Excellent thickness tolerance and consistency. Absorbs a small amount of liquid for lubrication and prolonged seal life.



Closed-Cell Polyethylene

Used as wiper material in narrow web applications. Although quite porous, this material will not absorb ink.

