

CUSTOM FLEX

old world craftsmanship

new age technology

Custom Flex Doctor Blade Profiles



Profile 10

Profile 10

Custom Flex Profile 10 doctor blades are beveled and feature a fine tip allowing the blade to seat rapidly with a minimum of scrape. The beveled profile compensates for typical chamber and end seal distortions for a more effective wipe.



Profile 25

Profile 25

Custom Flex Profile 25 doctor blades have become the industry standard in flexography. Both sides feature a smooth round metering edge. The round edge is less expensive than precision-machined blade tips and skates over rough and delicate ceramic during press start-up. The extra smooth edge provides quick seating against the anilox roll surface.



Profile 50

Profile 50

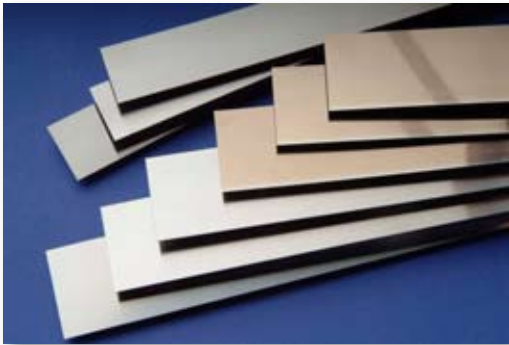
Custom Flex Profile 50 radius step doctor blades, or lamella blades, have a reduced thickness wiping tip for applications requiring a very fine wipe. The contact area remains the same throughout the life of the blade, so ink film thickness remains constant.



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Amperstål™

Amperstål™ doctor blades, available exclusively from Custom Flex, are the finest Swedish steel doctor blades available for flexography. Manufactured to critical tolerances using the finest Swedish carbon steel, Amperstål™ doctor blades deliver long-lasting performance. Every blade offers the perfect combination of straightness and flatness, edge finish, surface finish, strength and wear resistance. Custom Flex Amperstål™ doctor blades are offered coiled or cut to length. Stock sizes include 6, 8 and 10 mil, 1/2" to 2" wide. Stock orders are shipped within two to three days.

White Carbon Steel

WCS is designed with a fine microstructure. Finer particles means smoother wear and also helps to eliminate breakouts. Less breakouts means reduced chances of anilox damage as the blades wear. Economically priced and wear characteristics make this blade a great value.

Gold Alloy Blade

Gold alloy steel doctor blades are ideally suited for long runs with highly abrasive inks, low anilox line counts or wherever extended performance is required.

Stainless Steel

Used mainly in applications where highly corrosive materials are being applied. Stainless is available in .006", .008" and .010" thicknesses. Great wear capabilities and corrosion resistance for specialized applications.

Polyester Containment

Custom Flex polyester containment blades are made for the containment side of the enclosed blade chamber. Poly blades are used to reduce the wear on anilox rolls. Most applications require a plastic blade .125" wider than the steel metering blade. The extra width provides more contact with the anilox creating a better seal. Custom Flex polyester containment blades are available in .007", .015" and .020" thicknesses. Widths are offered from .5" to 2.5". These blades are cut to length or shipped in rolls.



Profile 10



Profile 25



Profile 50

