

# THE MULTIBLADE DOCTOR BLADE – AN EXCELLENT SOLUTION FOR GRAVURE AND FLEXO PRINTING



**MDC® Doctor Blades** Since the successful launch of the standard lamella blade, Daetwyler has been driven to develop a variety of specialized coated and uncoated doctor blades for the Rotogravure and the Flexography printing industry, such as the coated Longlife blade. | Increasing operational cost requires printers to address cylinder issues such as inferior ends and inaccurate finishes during press runs. Downtime must be limited and the pressman can no longer afford the luxury of returning the cylinder to the manufacturer for changes. | Daetwyler SwissTec now has developed the **MULTIBLADE** doctor blade specifically created to compensate for cylinder inaccuracies, which can create printability issues such as dragouts, hazing and broken doctor blades from bad cylinder ends.

## MULTIBLADE



Edge 60 µm, Bevel Angle 3°

Bevel Width	Blade Thickness
1.7 mm	0.15 mm (0.006")
2.7 mm	0.20 mm (0.008")
3.6 mm	0.25 mm (0.010")

### DOCTOR BLADES

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The blade tip of the **MULTIBLADE** is manufactured using a specialized process designed to promote stability and reduce wear at the contact point. This thin 60-micron tip increases slowly and proportionally to the 3° angle. Therefore increases stability and reduces tip deflection caused by high blade pressure and fast press speeds. | **This results in:** Lower blade pressure and blade wear | Eliminating blade breakage due to high cylinder ends | Eliminating dragouts | Longer blade life | Sharp blade edge to eliminate hazing | Less waste and reduced downtime.



**Daetwyler**  
 SwissTec AG

