

Essco Doctor Blade Applications

MACHINE SECTION	RECOMMENDED BLADES/REMARKS	ANGLE/LOAD PRESSURE
FORMING SECTION	Fiberglass /Excellent blade life and roll cleaning performance. Poly /Used on soft rolls. Normally good life due to water. Micarta /Economical. May remove stickies better than poly.	20°/0.5 pli
PRESS	GRANITE/SYNTHETICS/CERAMIC Fiberglass /Improved wear resistance over metal blades and mild polishing. Carbon Fiber /Best performance for enhanced blade and roll life. Stainless /Less commonly used in recent years. Abrasive /For trailing blade to maintain porosity.	25-30°/1-2 pli
	SOFT ROLLS Polyethylene /Over 10-15 P&J rubber and polyurethane rolls. Good when lubricated. Micarta /Usually 1/4" thick on soft rubber rolls. Not recommended on polyurethane.	20°/0.5 pli
DRYERS	Fiberglass /Improved blade life. Reduced roll scoring over metal blades. Carbon Fiber /Longest wearing. High flex resistance. Excellent cleaning. Metal /Steel, stainless and bronze. Abrasive /For periodic build-up removal. Only on oscillating doctors.	30°/1-2 pli
CALENDERS	Fiberglass /Excellent cleaning. Improved blade and roll life. Carbon Fiber /Maximum blade life. Recommend oscillation. Metal /Steel, stainless or bronze. Micarta /Several grades available, including Spec 277. Inexpensive, but shorter life. Less efficient.	30°/1-2 pli
REELS	Fiberglass /Longer life than metal blades. Reduced roll scoring. Carbon Fiber /Greatest blade life. Metal /Steel and bronze commonly used.	30°/1-2 pli
OTHER APPLICATIONS	Contact Essco to discuss special situations (creping, printing, converting and non-paper related).	Varies

Consult with your Essco representative to determine the best material for your particular application.

Hold on to excellence

Essco offers numerous, highly reliable blade holders, with a model suitable for any application. Whether your setup calls for the rigid styling and versatility of a KF holder, the even blade pressure of the ETUniform™ or a unique specialty design, we can assure you we have precisely the blade and holder configuration for a job well done.



1991 Larsen Road
 P.O. Box 10297
 Green Bay, WI USA 54307-0297

PH: 920.494.3480
 800.835.7134
 FX: 920.494.3483

email: sales@esscoincorporated.com
www.esscoincorporated.com

TRUSTED FOR PERFORMANCE