

SE-M Square Edge-Molded

Sometimes referred to as a Diamond Profile. Designed to fit specific holders having very tight tolerances. Molded for dimensional accuracy and consistent print edge. Primarily used in the Printed Circuit Board Industry. Available in PT22 and PT15.

Available in 65A, 70A, 75A, 85A and 90A hardnesses.

SB-D Single Bevel-Dual Durometer

Excels in container printing using high mesh counts with high screen tension. The 90 durometer backing supports the softer print edge, which allows increased squeegee pressure for maximum control.

Available in PT22 and PT15.

Available in 60/90A, 65/90A, 70/90A, and 75/90A hardnesses.

Standard angles are 22.5, 30, and 45 degrees.

DB-T Double Bevel-Triple Durometer

This fully supported bevel provides maximum control under maximum pressure in cylindrical printing.

Available in PT22 and PT15.

Available in 60/90/60A, 65/90/65A, 70/90/70A and 75/90/75A hardnesses.

Standard angles are 45, 60, and 90 degrees.

DSBO-S Double Single Bevel Opposite-Single Durometer

Provides the printer with two print edges for container printing.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

Standard angles are 22.5, 30, and 45 degrees.

DSBP-S Double Single Bevel Parallel-Single Durometer

Provides the printer with two print edges for container printing. Opposite sides of the squeegee are used to lessen the effect of repeated printing motion and ink attack.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

DDB-S Double Double Bevel-Single Durometer

The two print edges provide maximum control for printing on a wide variety of cylindrical substrates.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

Standard angles are 45, 60, and 90 degrees.

DBB-S Double Bevel Blunt-Single Durometer

Allows for increased squeegee angle while maintaining the sharp edge for maximum ink shear on multiple substrates.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

Standard angles are 45, 60, and 90 degrees.

The blunt edge is 0.5 mm to 3 mm per customer specification.

SBB-S Single Bevel Blunt-Single Durometer

Allows for increased squeegee angle while maintaining the sharp edge for maximum ink shear of cylindrical substrates. Works well with higher viscosity inks.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A and 90A hardnesses.

Standard angles are 22.5, 30, and 45 degrees.

The blunt edge is 0.5 mm to 3 mm per customer specification.

DB-S Double Bevel-Single Durometer

The sharp edge provides excellent control on printing a wide variety of cylindrical substrates.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A and 90A hardnesses.

Standard angles are 45, 60, and 90 degrees.

SB-S Single Bevel-Single Durometer

Conforms easily to irregular surfaces while maintaining excellent ink deposit. Widely used in container printing and with high viscosity inks.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

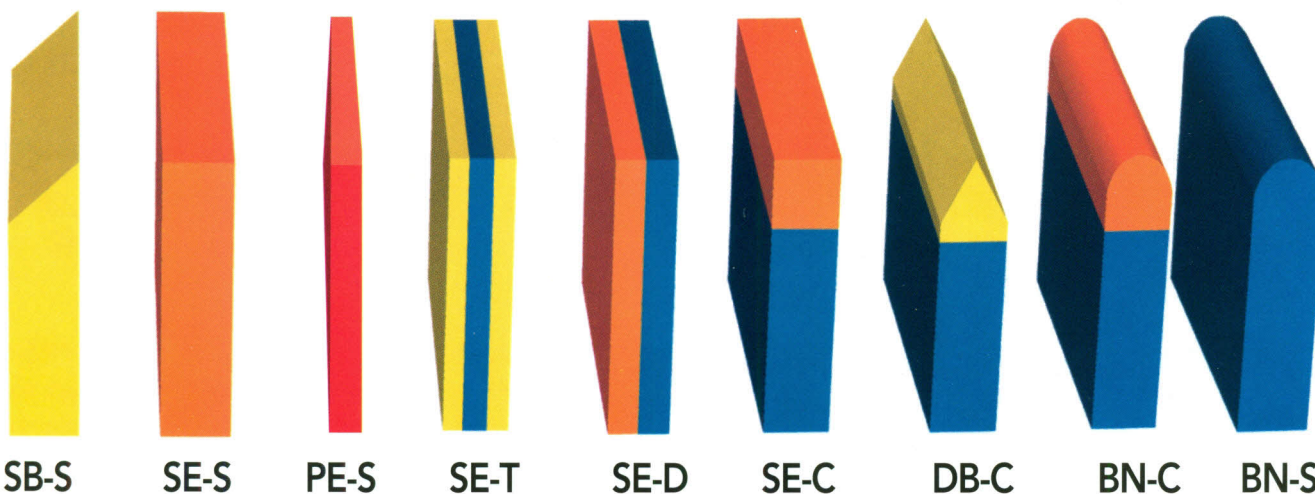
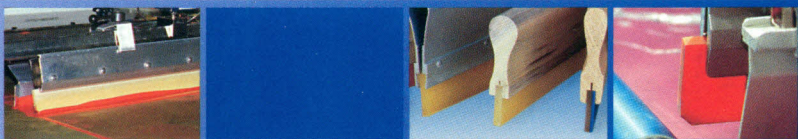
Standard angles are 22.5, 30, and 45 degrees.

SE-S Square Edge-Single Durometer

Our most common squeegee profile, used in a wide variety of printing applications on many different substrates. Generally, for more porous substrates, softer durometers should be used. Smoother substrates require harder durometers.

Available in PT22 and PT15.

Available in 55A, 60A, 65A, 70A, 75A, 80A, 85A and 90A hardnesses.



PE-S Precision Edge-Single Durometer

Designed and developed for transparent UV and the optical disk (CD/DVD) printing industry. Extremely tight dimension and durometer tolerance. Flawless, sharp print edges for clean crisp images without streaking.

Available in PT22 and PT15.

Available in 65A, 70A, 75A, 80A, 85A, and 90A hardnesses.

SE-T Square Edge-Triple Durometer

The 90A durometer center provides maximum support for the two softer print edges. This is an exceptional tool for printing on high mesh counts with elevated screen tensions. This profile excels in printing four-color process work or half-tone jobs on automatic presses.

Available in PT22 and PT15.

Available in 60/90/60A, 65/90/65A, 70/90/70A and 75/90/75A hardnesses.

SE-D Square Edge-Dual Durometer

The 90A durometer backing provides a fully supported squeegee that does not flex or roll over with excellent ink shear. The softer print edge allows for good ink deposit.

Available in PT22 and PT15.

Available in 60/90A, 65/90A, 70/90A and 75/90A hardnesses.

SE-C Square Edge-Composite

A soft print tip is bonded to a 90A durometer shaft. This eliminates blade rollover and squeegee vibration on high speed automatic presses.

Available in 90/50A, 90/60A, and 90/70A hardnesses.

Not available in all compounds.

DB-C Double Bevel-Composite

A soft, sharp print tip is bonded to a 90A durometer shaft. Ideal for printing on cylindrical substrates in high speed printing presses.

Available in 90/50A, 90/60A, and 90/70A hardnesses.

Not available in all compounds.

BN-C Bull Nose-Composite

A soft, round tip bonded to a 90A durometer shaft provides a partially supported squeegee with a rounded tip that does not shear the ink off the screen. An exceptional tool for printing puff ink or any job that require a heavy ink deposit on automatic printing presses.

Available in 90/50A, 90/60A, and 90/70A hardnesses.

Not available in all compounds.

BN-S Bull Nose-Single Durometer

The rounded tip is exceptional for heavy ink deposits required for printing white inks on dark substrates, or puff inks. This profile is designed to work on manual applications.

Available in 50A, 60A, 70A, and 90A hardnesses.

Not available in all compounds.

Material Selection

Plei-Tech 22 performs well with most ink systems. It will darken in color when exposed to UV and fluorescent light at a slow rate. This change in color does not affect the physical properties or the ink/solvent resistance of the polyurethane. Available in 60A, 65A, 70A, 75A, 80A, 85A and 90A hardnesses. *The standard colors are: 55A Green, 65A Orange, 70A Yellow, 75A Green, 80A Blue, 85A Red, and 90A Natural.*

Plei-Tech 15 (Vulkollan) is typically used with more aggressive solvent based ink systems or UV inks. Plei-Tech 15 will darken in color while stored. A change in color may be seen in as little as 24 hours when exposed to UV and fluorescent light. This color change enhances the physical properties and ink/solvent resistance of the polyurethane. Plei-Tech 15 is Amber. *Available in 60A, 70A, 75A, 80A, 85A, and 90A hardnesses.*

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Vulkollan® is a registered trademark of Bayer AG.