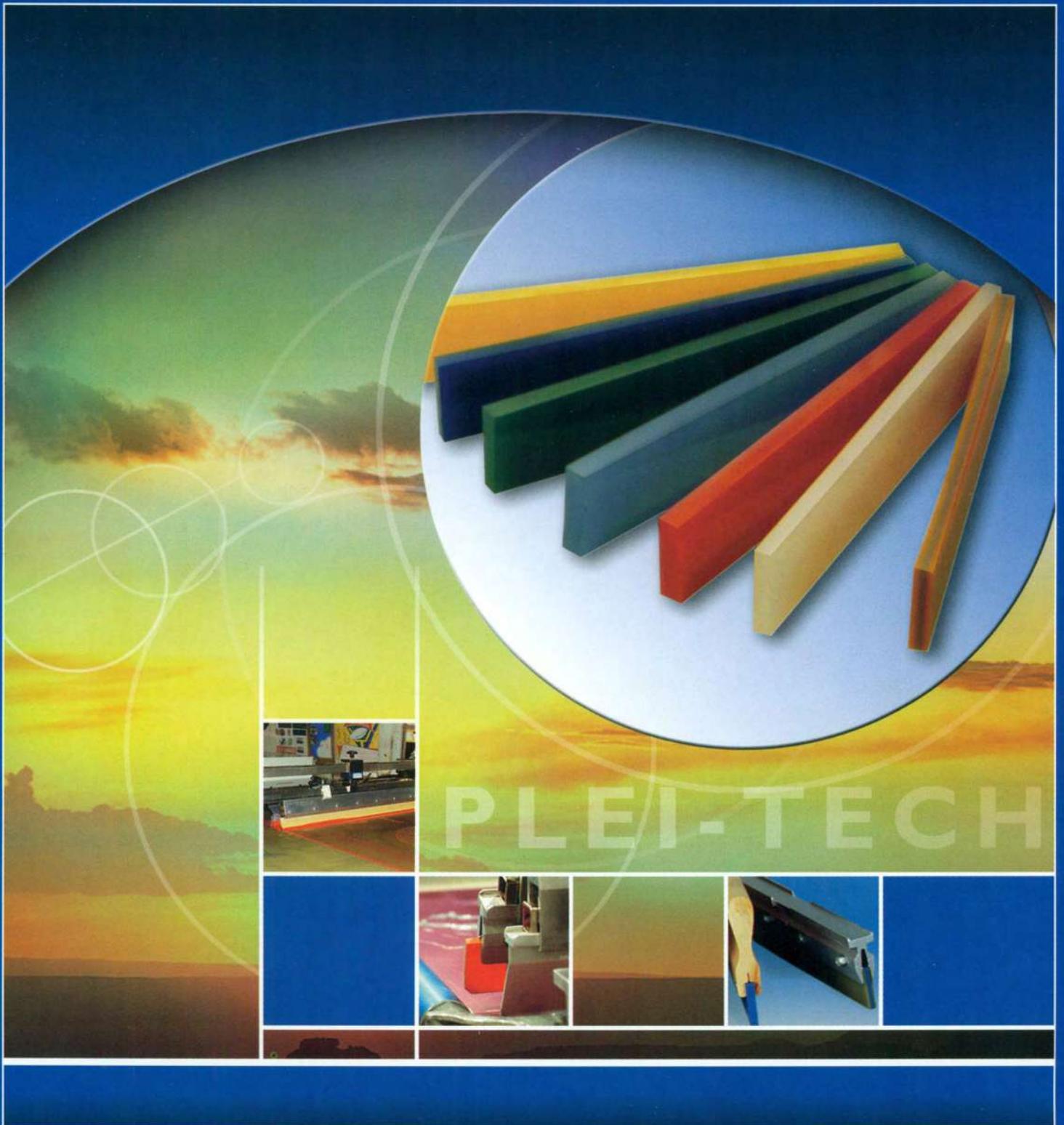


PLEIGER

SQUEEGEES





Plei-Tech Squeegees

A critical aspect of screen printing is how well the squeegee can resist durometer loss when exposed to aggressive inks, and harsh solvents, while maintaining a sharp print edge. **Plei-Tech squeegees** are available in a variety of polyurethane compounds individually formulated to perform in the diverse world of screen printing.

Plei-Tech 15 squeegees are recommended because of their chemical resistance and exceptional abrasion resistance when exposed to high solvent/monomer content inks, while maintaining durometer. UV, epoxy, enamel, vinyl, and other solvent based inks are extremely harsh on squeegee blades. Inferior squeegees tend to degrade at an accelerated rate due to their inability to resist harsh solvents.

Plei-Tech 22 squeegees are recommended for less demanding applications. Plei-Tech 22 performs well when using Plastisol, water base, and less aggressive UV and solvent based inks that have a lesser effect on squeegees. For printers using these inks, Plei-Tech 22 offers the option of color coding for easy hardness identification by the printer.

Pleiger's squeegees are available in a multitude of squeegee profiles designed to meet the exacting demands of your screen printing application.

All Pleiger polyurethanes are marketed under the registered tradename Plei-Tech®



Graphics - The Graphics market is a very diverse segment of the screenprinting industry. Like this market, Pleiger Plastics is also very diverse. We can combine any of our profiles along with a Plei-Tech polyurethane compound formulated to work with any ink or substrate combination. We offer our solvent/monomer and abrasion resistant squeegees in both our single durometer and multi-durometer configurations for the simple spot color to the complex four-color process or half-tone jobs.

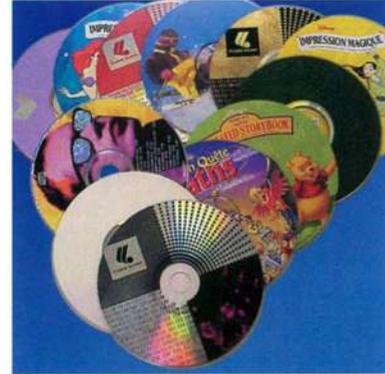
CD/DVD - Compact Disc printing requires a close tolerance, solvent-resistant squeegee. Pleiger Plastics' polyurethane squeegees are ideal for these precise demands. Our squeegees offer printers close tolerances, sharp edges, and squeegees that are free of surface defects for maximum repeatability and print detail.

Textile - The textile market varies from the hand printer to the high speed automatic machine, from spot colors to intricate 4-color process designs as well as specialty inks to obscure substrates. Pleiger makes squeegees in all dimensions, profiles and durometer combinations to assist the textile printer in achieving the desired effect to maximize productivity.

Container - Bottle printing often requires a sharp edge for high definition on a wide variety of substrates. Pleiger Plastics offers many bevel profiles to meet the demands of any bottle printer. Whether printing with Plastisol, Conventional, UV, or Hot Melt inks, Pleiger can provide a squeegee to meet your most challenging demands. Our bevel profiles provide the printer with a sharper edge for exceptional ink deposit and maximum definition.

PCB - The Printed Circuit Board industry requires a squeegee with close tolerances that can perform in a high speed environment. Our highly solvent and abrasion resistant formulations of Plei-Tech 15 outperform other squeegees in this application. These squeegees are formulated to exhibit minimum swelling, durometer loss, and high abrasion resistance, which makes them ideal for this type of printing.

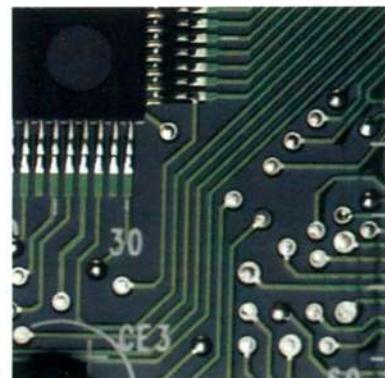
Squeegee Applications



CD/DVD



TEXTILE



PCB



Selection Guide

		GRAPHICS	CD/DVD	TEXTILE	CONTAINER/ BOTTLE	PCB
SE-M Single Edge-Molded						
SB-D Single Bevel-Dual Durometer						
DB-T Double Bevel-Triple Durometer						
DSBO-S Double Single Bevel Opposite-Single Durometer						
DSBP-S Double Single Bevel Parallel-Single Durometer						
DDB-S Double Double Bevel-Single Durometer						
DBB-S Double Bevel Blunt-Single Durometer						
SBB-S Single Bevel Blunt-Single Durometer						
DB-S Double Bevel-Single Durometer						
SB-S Single Bevel-Single Durometer						
SE-S Square Edge-Single Durometer						
PE-S Precision Edge-Single Durometer						
SE-T Square Edge-Triple Durometer						
SE-D Square Edge-Dual Durometer						
SE-C Square Edge-Composite						
DB-C Double Bevel-Composite						
BN-C Bull Nose-Composite						
BN-S Bull Nose-Single Durometer						

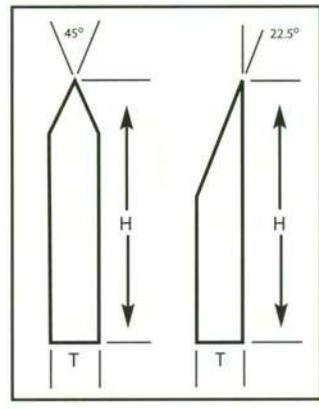


Beveled Squeegee Technical Sheet

22.5 Degree Single Bevel 45.0 Degree Double Bevel

This blade has minimal dimensional stability due to the thin printing tip. It is best suited for printing with less aggressive inks and solvents with lower squeegee pressures on irregular substrates.

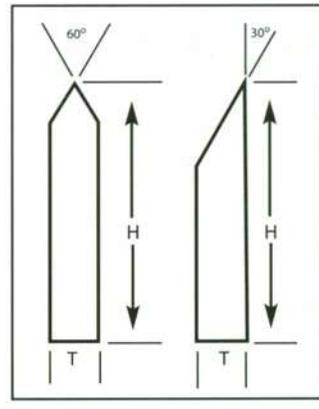
(T Available 0.10" - 0.50" H Available 0.75" x 5.00")



30.0 Degree Single Bevel 60.0 Degree Double Bevel

This blade has good dimensional stability and is a very stable player. This angle will be more resistant to inks and solvents due to the thickness of the printing tip.

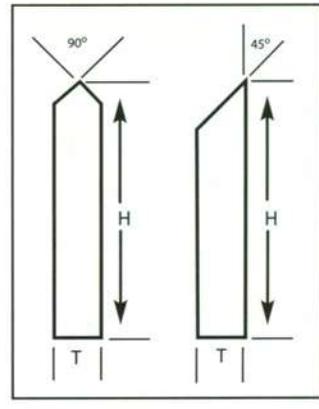
(T Available 0.10" - 0.50" H Available 0.75" x 5.00")



45.0 Degree Single Bevel 90.0 Degree Double Bevel

This blade exhibits the best dimensional stability and has good resistance to inks and solvents due to the heavier thickness of the printing tip.

(T Available 0.10" - 0.50" H Available 0.75" x 5.00")



Things to Remember:

Just as a squeegee durometer affects the ink deposit, so does the angle of the bevel.