

serilor® SR1 & SR3

“Standard Resistance” screen printing blades

The serilor® SR squeegee is an all purpose polyurethane blade with good combined resistance to chemicals and abrasion.

It was developed to withstand various applications in screen printing. The industry standard SR1 is a universal grade, your ideal choice for non critical abrasive application or when using less aggressive inks.

serilor® SR blades are manufactured with a centrifugation process to avoid bubbles and craters in the material and to bring optimal homogeneity to the compound, even at the core of the material and after grinding.

Our exclusive computer controlled casting process guarantees batch to batch consistency.

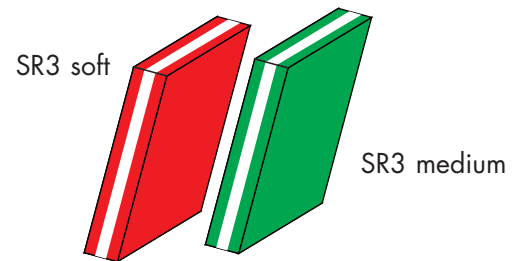
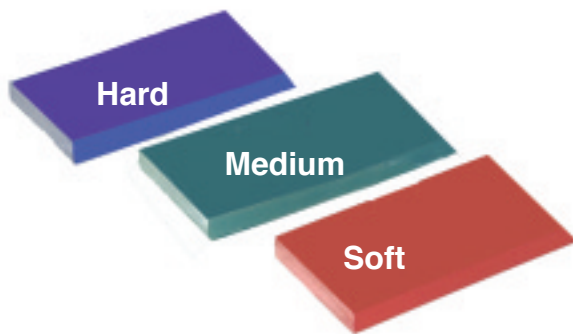
Each serilor® CD blade is inspected for edge quality and profile

Advantages :

- Good resistance to chemicals
- Resistance to abrasion
- Sharpens easy
- Color coded for easy identification

Applications :

- Graphics multi-purpose
- Textile printing
- Manual or automatic equipment use



• serilor SR1 single layer

Soft (65shA) : Red color blade
 Medium (75shA) : Green color blade
 Hard (85shA) : Blue color blade

60,70,80 and 90 durometer are available as specials
 Special colors available on request.

• serilor SR3 triple layer

Recommended when high productivity automatic printing equipment is used, serilor® SR3 has a 90shA hard centre layer for support, ideal for fine line and halftone printing.

Triple soft (65/90/65shA) Red/white/red
 Triple medium (75/90/75shA) Green/white/green

Standard thicknesses

mm	4	5	6	7
inch	5/32"	3/16"	1/4"	9/32"
mm	8	9	9,5	10
inch	5/16"	11/32"	3/8"	13/32"

Length : 3660 mm / 12 ft

Hardness tolerance : +3 / -3 shore

Other dimensions : please ask your dealer

Profiles

PO (square profile)



P1 (double bevel - flat edge) only for



P5 (double bevel V edge) only for SR1



Standard heights

mm	20	25	30	35	40
inch	25/32"	1"	1-3/16"	1-3/8"	1-9/16"
mm	45	50	60	63,5	70
inch	1-3/4"	2"	2-3/8"	2-1/2"	2-3/4"
mm	75	80	90	100	
inch	2-15/16"	3-1/8"	3-1/2"	4"	

INSTRUCTIONS

In general softer grades (65sh) are used for increased ink deposits and high coverage printing. Harder grades (85sh) are used for reduced deposits, notably when printing UV inks for fine texts and higher line counts.

Do not apply excessive pressure on squeegees as this makes your ink deposit heavy and uncontrollable and creates excessive wear. It is recommended that your squeegee slightly exceeds the printed image, and to leave significant free space between your screen edge and both squeegee ends.

Insert the squeegee in a machine or hand holder. Use appropriate squeegee thickness to avoid forcing the blade in the holder. If the holder construction allows for it, regularly change the printing side of the squeegee to minimise the effect of bending with speed and pressure.

• CLEANING

Remove excess of ink with a cardboard or a soft cloth. Wash blade with an impregnated cloth or in an appropriate cleaning machine. Avoid the use of aggressive chemicals, in particular ink thinners. Let the squeegee rest and the chemicals evaporate before re-use or sharpening.

• SHARPENING

serilor® SR squeegee blades can be sharpened by all methods commonly used in the screen printing industry

- Belts grinders
- Wheel sharpeners
- Knife cutting machines

Sharpen dry squeegees only. Never allow a squeegee with solvents to be sharpened and don't wash a hot, freshly sharpened blade with chemicals. Do not try to grind excessive material in one pass.

• STORING / SHELF LIFE :

For all medium or long term storage, blades must be kept wrapped, flat, unrolled, especially prior to use. Store in a dry cool place away from direct source of light. If the squeegee is exposed to extreme temperature and humidity conditions, its hardness characteristics may be altered.

The information and recommendations in this brochure are believed to be accurate and are offered in good faith. Suggestions concerning uses and applications are only the opinion of Fimor. Printers should carry out their own testings to confirm the product suitability for their needs. Fimor SA makes no warranty other than the conformity of the material to their specifications. The responsibility of Fimor is limited to

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<http://www.serilor.com>

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