**SERILOR®HR – HIGH RESISTANCE**

**High resistance screen printing squeegees**

**serilor®HR** is a special polyurethane blade with exceptional combined resistance to chemicals and abrasion. It was developed to withstand the toughest applications in screen printing and to have a long shelf life in most environments.

**serilor®HR** screen printing squeegee 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. **FIMOR** exclusive computer controlled casting process guarantees batch to batch consistency.



**Advantages**

* Maximum resistance to chemicals
* Maximum resistance to abrasion
* High environment stability (temperature, humidity)
* Sharpens well
* Individual package protects from light and dust
* Individual batch & reference ink jet marking on blade
* High test inspection for aspect defects

**Applications**

* Graphics multi-purpose
* Graphics specialties (electronics, industrial etc…)
* Object / Container printing
* Automated textile printing
* Manual or automatic equipment use

**serilor®HR1 MONO LAYER**



**STANDARD REFERENCES :**

* soft 65shA white
* medium 75shA white
* hard 85shA white

60,70,80,90 and other durometers are available as specials

**serilor®HR3 TRIPLE LAYERS**



**STANDARD REFERENCES :**

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

Recommended when high speed automatic printing equipment is used, **serilor®HR3** has a 90shA hard center layer for support, ideal for fine lines and halftone printing.**Using triple durometer squeegees will extend your squeegee life, help prevent dot gain, and generate immediate savings on ink and other consumable through better control of the squeegee pressure.**

**serilor®HR5 ANTI-VIBRATIONS BLADE**



5 layers of soft and hard high resistance polyurethane offer both rigidity for precision printing and softness to absorb vibrations.

Available only in PO profile and graphic dimensions :
50 x 9 mm ; 50 x 9.5 mm ; 50 x 10 mm

**serilor®HR5** LM (Low modulus)
5 layers 75 / 85 / 65 / 85 / 75 shA White/Blue/Red/Blue/White

**serilor®HR5** HM (High modulus)
5 layers 75 / 95 / 55 / 95 / 75 shA Green/White/Yellow/White/Green

**Marking:**serilor®HR[1 or 3 or 5] length X width X thickness Profile hardness [batch N°] MADE IN FRANCE

**STANDARD PROFILES :**



**SPECIFICATIONS AND TOLERANCES:**
For HR1, HR3 and HR5



**PHYSICAL AND CHEMICAL SPECIFICATIONS (for 75 shA):**
For HR1

