

SERITEC®

SERITEC® range of squeegees has been developed – thanks to the great experience of all Tecno's crew – to satisfy all screen printing industry demands.
The SERITEC® formula – in its Standard, HR, UV, Antistatic and TS versions – guarantees a high resistance to abrasion, solvents and inks. Moreover, our advanced cutting and chamfering techniques along with our skilled operators' know-how ensure uniformity of profiles: high printing precision is assured.
The quality of all our squeegees has been tested directly by screen printers, in different printing field: the excellent feedbacks confirm the already positive results we obtain in chemical lab tests.

DIMENSIONS AND HARDNESS

Our squeegees are available in the following dimensions:

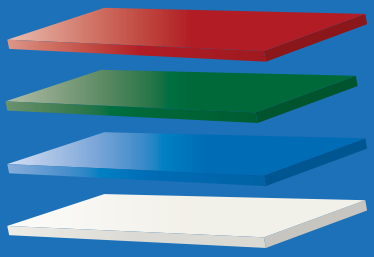
HARDNESS: from 50 Sh A to 95 Sh A
LENGTH: mm 3660, mm 3050 or cut to size
THICKNESS: from mm 4 up to mm 10
SPECIAL SQUEEGEES: 9X9, 9.5X9.5, 10X10 square profile.

COLOURS AND HARDNESS

We usually produce squeegees in the international standard colours, according to the hardness:

- 65 SH
- 75 SH
- 85 SH
- 60, 70, 80, 90, 95 SH

Other colours are available on request.



HOW TO CHOOSE A SQUEEGE

65 SH squeegees are very soft and are usually used to print on ceramic and with glitter inks.
75 SH squeegees are recommended for printing on glass and on garments.
85 SH squeegees are used to print with high-speed automatic machines, to print on CDs, credit cards, electronic circuits, small objects, where high precision is required.

SURFACE: If the item you have to print has a rough, non-planar surface, the most suitable squeegee durometer is between 60 and 70 sh. If the surface is smooth, a harder durometer squeegee, between 80 and 90, should be used.
MESH: if a high mesh count (a very thin mesh!) is being used, you need a harder squeegee (80 or 90 sh); if you are printing with glitter ink (which has large flakes of shiny, plastic material that have to pass through the mesh) you should use a softer squeegee.
INKS: The more aggressive inks, such as UV inks, damage the squeegee more than a standard water based ink. The harder the squeegee, the more solvent resistant the blade. Therefore, to eliminate swelling and chemical breakdown, use a harder durometer squeegee
INK DEPOSIT: A soft squeegee will deposit a thicker layer of ink than a harder squeegee.
AUTOMATIC OR MANUAL: Hard durometer squeegees are normally used on high speed automatic machines (high degree of abrasion that occurs during a production run). Softer durometer squeegees are typically used for low-pressure low-speed manual and semi-automatic presses.

DOUBLE AND TRIPLE-LAYER SQUEEGEES

In double- and triple-layer squeegees, the squeegee has a soft print edge, and a rigid backing material supporting it.

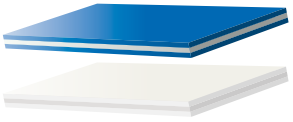
Double-layer squeegees grant higher quality in printing even where it is necessary to print with a soft blade. The hard layer increases the stability of the squeegee.

In triple-layer squeegees, the hard core of the triple-layer squeegee further improves precision, even in fast automatic printing: it gives stability to the squeegee even if you need to print with a soft squeegee - i.e.: 65/90/65 sh is soft but very stable.

- 65-90-65 sh
- 75-90-75 sh



- 85-90-85 sh
- 70-90-70 sh





PROFILI

Our squeegees are available with the following profiles:



We can also produce different profiles, according to your request.

HOW TO CHOOSE A PROFILE

The profile of the Squeegee determines the thickness of the ink deposit laid down: how much ink you need to deposit on the surface you are printing.

SQUARED EDGE P0: the most common squeegees, they are mainly used on cylinder, textile, and manual presses.
ROUND EDGE P3-P4: generally used in the textile industry, and are used when a very heavy deposit is required.
BEVELED EDGE ("V"SHAPE) P5-P6: they are typically used for printing rounded surfaces where high definition is required. Excellent on high-speed automatic machines.
P1-P2: more specific application.

RANGE OF PRODUCTS

Along with our standard SERITEC® squeegees, we can supply special products. They are characterized by specific formulations according to the different final applications.

SERITEC® STANDARD
Usually used in garment and textile printing. Suitable for manual and automatic printing, resistant water-based inks and common solvents.

SERITEC® HR
High resistance squeegee, with optimal abrasion and chemical resistance.
Perfect for high-speed printing - glass printing, CD printing, credit card printing...

SERITEC® UV
Specifically conceived for high definition printing with UV and Vinyl inks. Highly recommended for printing on PVC, Polycarbonate, Polyesters, Aluminium.

SERITEC® ANTISTATIC
Realized to reduce dust deposits and optimize printing precision. The Anti-static formulation reduces electrostatic charges, even if the squeegees is used at a very fast speed.

SERITEC® TS
This squeegee has been developed to meet the most demanding customers' needs. It is highly resistant to abrasion and to the most aggressive inks and solvents. The special formulation reduces the swelling of the squeegee, granting a longer lifetime of the blade.
Especially conceived for high-speed automatic printing, glass printing, CDs printing, credit card printing, and all industrial and electronic printing.

PACKAGING AND STORAGE

We usually use small boxes (mm 41x41x30 h) containing 10 squeegees 3050x50x9 max.
We can also use single-squeegee box – this protects the squeegees from edge damaging, dust and light.

We can label each squeegee with the data you need - batch, dimensions, hardness, profile, brand name.

It is highly recommended to store squeegees in a dry, room-temperature environment, far from light sources. We advise to keep the squeegee laid down a on flat surface for 24 h before using it.



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SERITEC® ACCESSORIES

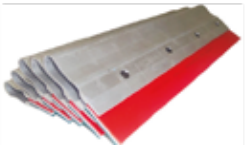
T-CALIPER
Certified digital caliper.
High precision gauge for accurate size checking.



T-DUROMETER
Shore A hardness gauge. A reliable instrument for measuring the hardness of the squeegees.



SERIHOLD
Several models of squeegee holders both for manual and automatic printing



TECNOCUT
Safety scissors providing a clear-cut and right angle cutting to size.



SERISCOOP
Easy handling aluminium scoop coater with plastic ends.
Cut to size with both sharp edge and round edge.



SERIBOX & SERILABEL
Single squeegee box, protecting squeegee from light, dust and edge damaging. Label customization on request.



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SERITEC® ANTISTATIC

SERITEC® ANTISTATIC has been developed to decrease static related printing problems, such as whiskering and dust attraction. Its special formulation helps reducing the squeegee sensitivity to electrostatic charges.

MAIN FEATURES:

- High resistance to abrasion
- Optimal resistance to inks and chemicals
- Reduced electrostatic charge
- Suggested for high speed automatic printing

- LOW SWELLING
- HIGH ABRASION RESISTANCE
- REDUCED ELECTRICAL CHARGE

SERITEC® ANTISTATIC squeegees are available with the following features:

HARDNESS: from 50 sh A to 95 sh A

SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6, P7



Conceived to reduce static related printing problems such as whiskering and dust attraction: suggested to print on plastics, glass and electronic component such as LTCC, inductor, diverse printing circuits, Hybrids, etc

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SERITEC® C

A very soft squeegee adapting perfectly on rough and irregular surfaces. SERITEC® C has been conceived to offer a silky contact between squeegee and the object to be printed.

MAIN FEATURES:

- High precision on both smooth and porous surfaces
- Perfect adherence to convex and concave shapes
- Maximum resistance to chemicals
- The best performance when printing with mastics and varnishes

- IMPRESSIVE PRECISION ON IRREGULAR AND UNEVEN SURFACES

SERITEC® C squeegees are available with the following features:

HARDNESS: from 35 sh A to 65 sh A, light blue color

SPECIAL SQUEEGEES: double and triple layer

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6



SERITEC® C
1mm TRIPLE LAYER: The highest printing stability, along with the softest touch

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SERITEC® FDA

SERITEC® FDA squeegees are SGS certified for food processing.

MAIN FEATURES:

- High printing precision with small writings
- Good performance with high viscosity dough
- Suitable for both manual and automatic printing

SERITEC® FDA squeegees are available with the following features:

HARDNESS: from 50 sh A to 95 sh A

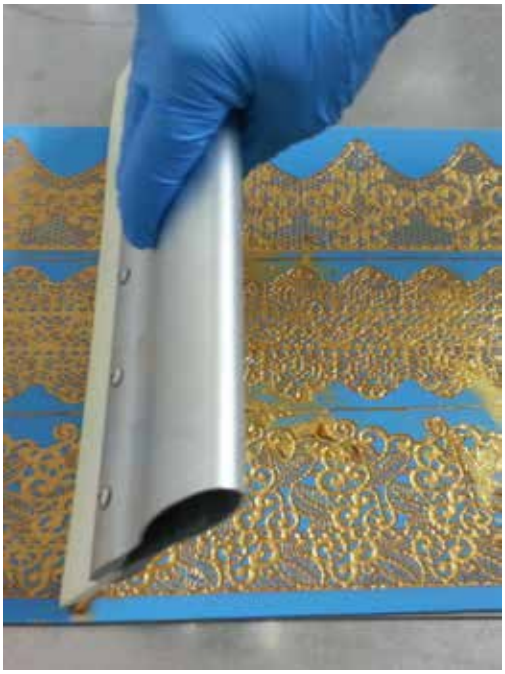
SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6, P7



Now, you can give shapes and colours to your sweetest thoughts in complete safety!

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SERITEC® HR

SERITEC® High Resistance guarantees optimal performances when a high level of abrasion is concerned: its special formulation prevents edge corruption.

MAIN FEATURES:

- Impressive resistance to abrasion
- Good resistance to inks
- Recommended with abrasive inks
- Suggested for semi – and automatic printing

- RESISTANCE TO ABRASION
- LONGER LASTING PERFORMANCE
- OPTIMAL ON ROUGH SURFACES

SERITEC® HR squeegees are available with the following features:

HARDNESS: from 50 sh A to 95 sh A

SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6, P7



It is manufactured for those aggressive screen printing applications demanding huge abrasion resistance: it has been especially conceived to print on rough surfaces or with abrasive inks (glitter, metallic,..).

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SERITEC® STANDARD

SERITEC® STANDARD range of squeegees has been developed – thanks to the great experience of all Tecno's crew – to satisfy all screen printing industry demands.
STANDARD formulation is suitable for manual and automatic printing. It is resistant to water based inks, Plastisol and common solvents.

MAIN FEATURES:

- Resistance to abrasion
- Optimal resistance to water-based and Plastisol inks
- Resistance to common solvents
- Suggested for manual and semi-automatic printing

- LOW SWELLING
- LONG LIFE
- GOOD PERFORMANCE

SERITEC® STANDARD squeegees are available with the following features:

HARDNESS: from 50 Sh A to 95 Sh A, in standard colours

SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from 4 mm up to 10 mm

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6



Widely used in garment and textile printing, SERITEC® STANDARD has been tested directly by screen printers, in different printing fields: the excellent feedbacks confirm the already positive results we obtain in chemical lab tests. Suggested for printing on ceramics, fabrics, baloons, and glass.

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SERITEC® TS

This squeegee has been developed to meet the most demanding customers' needs. It is highly resistant to abrasion and to the most aggressive inks and solvents. The special formulation reduces the swelling of the squeegee, ensuring a longer lifetime of the blade.

MAIN FEATURES:

- High resistance to abrasion
- Optimal resistance to all kind of inks
- Maximum resistance to chemicals
- Recommended for high speed automatic printing

- MINIMAL SWELLING
- HIGH ABRASION RESISTANCE
- LONG LIFE PERFORMANCE

SERITEC® TS squeegees are available with the following features:

HARDNESS: from 50 sh A to 95 sh A

SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6, P7



Recommended for high speed automatic printing on glass, optical, solar cells, CDs, credit cards, PCBs and all kind of industrial electronic printing. Highly suggested for printing with abrasive inks: its optimal resistance to abrasion grants a longer life to the printing edge.

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SERITEC® UV

SERITEC® UV has been specially conceived to be highly resistant to UV and Vinylic inks: its special formulation increases the squeegee's capability to withstand chemical aggression of UV inks.

MAIN FEATURES:

- Resistance to abrasion
- Optimal resistance to UV ans Vinylic inks
- Resitance to aggressive solvents
- Suggested for semi- and automatic printing

- LOW SWELLING
- RESISTANCE TO UV INKS
- GOOD PERFORMANCE

SERITEC® UV squeegees are available with the following features:

HARDNESS: from 50 sh A to 95 sh A

SPECIAL SQUEEGEES: double and triple layer, 9x9, 9.5x9.5, 10x10 SQUARE PROFILE

LENGTH: mm 3660, mm 3050 or cut to size

WIDTH: from 20 mm up to 100 mm

THICKNESS: from mm 4 up to mm 10

PROFILE: P0, P1, P2, P3, P4, P5, P5A, P6, P7



Main fields of application: plastic processing, glass decoration, optical media, graphic industry and label printing, PVC, metal, polyethylene, foil, polystyrene, PP, ABS, PVC, paper.

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