



SUNSHINE SILICONE RUBBER

SRS introduce a range of **SUNSHINE™** silicone rubbers with different qualities and for different applications.

- SUNSHINE™ Silicone rubber from SRS offers the following advantages:
- SRS silicones are similar in price to natural rubber yet give massively increased performance.
- SRS silicones give a far superior “SHINY” surface finish giving you less metal loss and faster cleaning / polishing processes.
- SRS silicones are considerably quicker and easier to pack than natural rubber. Simply push the putty around master patterns.
- SRS SUNSHINE™ does not tarnish the silver master patterns - no plating is required on silver master patterns with SRS silicones.
- SRS silicones vulcanise quicker and more uniformly than other leading brand silicones
- SRS silicones have low thermal conductivity so waxes cool more quickly than natural rubber.
- SRS silicones have low shrinkage only 2.3 - 2.5% for standard silicone and 0.2 - 0.5% for low shrinkage CAD silicones
- SRS silicones require less release spray and far less vents and moulds fill more easily. No talc is required giving a better finish.
- All vulcanising times are taken from the time the mould is placed in the vulcaniser and assume that the vulcaniser is pre-heated.
- Package size is 25kg per box, approximately 1kg per sheet.

STANDARD SILICONE RUBBERS

SRS 38 Yellow - Natural Yellow

Top quality silicone rubber. Shor hardness 38. Soft and flexible rubber - especially good for large undercuts. Very easy to cut this silicone due to high elasticity and easy to see where to make the cuts due to the colour. It will not tear if used with caution. Large moulds cut and wax easily due to flexibility of silicone. Really excellent surface finish.



- Vulcanizes @170-190°C - 15 minutes per layer.
- Shor hardness: 38
- Minimum tensile strength: 550



SRS 45/E Blue - Sky Blue

Economy priced silicone rubber. Good all round rubber with Shor hardness 45 - however lacks the strength of the Fuchsia Pink. This can be spiral cut and minimum vents are required. Very easy to see where to cut.

- Vulcanizes @170-190°C - 15 minutes per layer
- Shor Hardness: 45
- Minimum tensile strength: 450



SRS 44 Pink - Fuchsia Pink

Top quality rubber with excellent mechanical properties. Similar in hardness to the Light blue economy silicone but with longer life and more tear strength. Excellent for use where a high pressure is required. Shor hardness 45 the same as Light Blue economy. Very easy to see where to make the cuts. Thin sections are much stronger. Excellent surface finish.

- Vulcanizes @170-190°C - 15 minutes per layer
- Shor hardness: 45
- Minimum tensile Strength: 450



SRS 40 Aqua - Aquamarine

Economy rubber offering good performance with equally good mechanical properties. Softer than the Blue economy rubber. For use where price is the key issue.

- Vulcanizes @170-190°C - 15 minutes per layer
- Shor hardness: 40
- Minimum tensile Strength: 450





SRS 32 “INSERT” - Orange

Extremely soft and pliable rubber for inserts into intricate areas which need more flexibility. SRS 32 can be used in combination with the economy rubbers to achieve high performance moulds at lower prices. This rubber can be combined with the standard silicone to give an area around the head which is extremely soft and easy to cut. This silicone can be spiralled and has a high tear strength to withstand extreme mould difficulty.

- Vulcanizes @ 170-190°C - 15 minutes per layer
- Shor Hardness: 32
- Minimum tensile Strength: 750

LOW SHRINKAGE RUBBERS FOR CAD RESINS



SRS 40 CAD LT - Chestnut Brown

Low temperature for CAD resin patterns. CAD rubber has extremely low shrinkage of only 0.3% to faithfully reproduce resin master patterns.

- Vulcanizes @ 77-110°C - 30 minutes per layer
- Shor Hardness: 45
- Tensile Strength: 450



SRS 32 CAD LT “INSERT” - Mustard Green

Low temperature low shrinkage insert silicone for CAD resin patterns. SRS 32 CAD LT has extremely low shrinkage of only 0.3% to faithfully reproduce resin master patterns.

- Vulcanizes @ 77-110°C - 30 minutes per layer
- Shor hardness: 32
- Minimum tensile strength: 750

