



# SK2RS204-3

## Uncured non-silicone tooling rubber

SK2RS204-3 is an uncured, non-silicone rubber for manufacture of pressure caul sheets, flexible mandrels, and rubber tooling. The product caul sheets improve part quality on the vacuum bag side of the part.

SK2RS204-3 pressure intensifier provides uniform pressure distribution during autoclave processing. The product will take high temperature similar to silicone rubbers but will not cause silicone contamination. SK2RS204-3 is dimensionally stable when reinforced with prepregs, which bond well and do not generate volatiles that could also cause delamination.



TECHNICAL DATA	VALUE
Material	Non silicone rubber
Color	Black
Elongation at break	400%
Hardness	60 Shore A
Tensile strength	11 MPa
Maximum use temperature*	204°C

### PRODUCT ADVANTAGES

- Reduce scrap with improved part quality due to better thickness control and corner consolidation
- Reduce rework by eliminating surface wrinkles, voids, and porosity
- Avoid part distortion due to uneven laminate consolidation during cure

### APPLICATION

#### Moulding Guidelines:

- Mould SK2RS204-3 off a part, dummy part, or mould which is stable at high temperature and capable of high pressure
- Tack is temperature dependent and can be controlled with additional heat to assure adhesion to vertical surfaces, sharp corners, and complex shapes
- SK2RS204-3 is not self-releasing and must be covered with a release material, bondable one side release film during the layup process
- Adhesive tape SK2AT260-4 or film SK2TR260-4 can also be applied to cured SK2RS204-3

#### Recommended Cure:

- Apply vacuum bag throughout cure cycle and pressurise autoclave to 7 bar (100 psi), minimum recommended pressure is 3 bar (45 psi)
- Heat to 176°C and hold for 2 hours, then cool to room temperature before removing vacuum and demoulding from master mould

Technical values are provided to the best of our knowledge and are based on data considered reliable. Users are responsible for verifying suitability and assume all associated risks.



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**SIZE**

Thickness	1,6 mm
Width	137 cm
Length	15,24 m

**STORAGE**

Shelf life: 24 months from date of shipment  
 Storage conditions: it is recommended to store at temperature of 22°C in the original packing. Do not freeze.

**NOTES**

Other thicknesses available on request.  
 \*Maximum use temperature depends on specific process conditions. Verification testing is recommended prior to serial production.

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