

# Latex Natural Rubber S Grade

- Low modulus material, with very high extension to break
- Used as a vacuum diaphragm, where high elongation is required for deep draw moulds
- The 850% elongation factor enables it to conform to most severe curvatures, without bridging
- Formulated for operation up to 60°C, however continuous exposure to 60°C will after time compromise the physical characteristics
- Material should only be used for cold cure operations/de-bulking exercises

## PHYSICAL PROPERTIES

- Store in sealed containers under 29°C
- Maximum temperature use 60°C
- Colour Natural
- Tensile strength 13.7 MPa
- Elongation at break 850%
- Durometer hardness (Shore A) 35

## AVAILABILITY

- Thickness range (nominal) 0.50 - 1.5mm
- Widths available up to 4.0m

## STORAGE & HANDLING

- Temperature: store below 26°C and away from heaters
- Humidity: avoid damp storage conditions
- Light: protect from prolonged exposure to light, in particular bright sunlight and strong u/v light, which will degrade sheeting
- Metals: avoid contact with copper and copper containing alloys, which may stain the sheeting
- Oils & Solvents: avoid contact with oils, solvents and greases which will destroy natural rubber

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