

Dalchem – Silastomer P25

Silastomer P25 is a translucent, high strength, two component, Platinum catalysed, room temperature cure silicone rubber. It is formulated as a 25 Shore A, medium viscosity material providing excellent cured rubber properties, long library life, and accurate detail reproduction.

Silastomer P25 may be easily pigmented which makes it ideal for robotic or animatronic skins, prosthetics and props for theme parks and the film industry.

Typical properties

Colour:	Clear/Transparent
Specific Gravity:	1.09 gm/cc
Hardness:	25 Shore A
Viscosity:	35,000 cps
Demould Time:	12 - 24 hrs @ 25°C
Application:	Optimum @ 25°C
Mix Ratio:	100:10 by weight
Shelf life:	12 months from Date of Manufacture
Tensile Strength	450 Psi
Elongation	500%
Tear strength	60 N/mm ²





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Typical Applications

- Skins for robotic and animatronic figures for both indoor and outdoor applications
- Special effect skins and props for the film industry
- Theme park props and reproduction moulds
- Prosthetics

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST ANY APPLICATION AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALISING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.
