

LOCTITE®



LOCTITE® SI 5930 FIT

Acoustic Foam Bonding for Noise Reduction in Tires

Henkel is a world-leading supplier of adhesives for the automotive industry. LOCTITE SI 5930 FIT is a dedicated product with excellent bonding performance on tires and foams.





The Industry Challenge

As cars get quieter, engineers are working to stifle the drumbeat of tire impacts. There are two types of noise produced by a moving vehicle: "Interior noise" heard by the driver and passengers, and "exterior noise" affecting people outside the vehicle. Because all tires are inevitably a compromise to meet widely differing conditions (temperature, weather, road surfaces, ride and handling requirements), reducing tire noise has always been challenging.

Our Solution

Henkel has developed LOCTITE® SI 5930 FIT (Fix in Tire), a 1-component adhesive which is easy to apply and fast curing.

Benefits:

- excellent adhesion on tire rubbers and compatible with different acoustic foams and release agents.
- MEKO-free and odorless solution to meets strict HSE standards
- Continuous operating temperature range of -50°C to +200°C, which is well above OEM standard specifications (120°C).
- Excellent flexibility, with an elongation at break of ≥ 200 percent.

Global presence:

Henkel has Technical Centers in all regions to provide its customers local technical product support like bonding tests on dedicated tires and foams.

LOCTITE SI 5930 FIT

LOCTITE SI 5930 FIT provides the following product characteristics:

Technology	Silicone
Chemical Type	Alkoxy Silicone
Apperance (uncured)	Black paste ^{LM3}
Components	One component – requires no mixing
Thixotropic	Reduced migration of liquid product after application to substrate
Cure	Room temperature vulcanizing
Application	Bonding

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