

TRANSPORTATION EQUIPMENT APPLICATIONS

Silicones deliver the strength, adhesion and durability needed in high-performance automobiles, ocean vessels and spacecraft. Exteriors are more resistant to heat and cold, rain, wind, salt, abrasion, ultraviolet radiation and chemicals because of silicone adhesives and coatings used to extend the service life of cars, boats and planes. Joints last longer and overall maintenance and repair is less costly. Silicone coatings ensure that airbags don't deteriorate over time and that they remain gas-tight and heat-resistant under the pressure from rapid inflation and other extreme conditions, such as fire. Silicone coatings are also used as release agents to allow tire manufacturers to get the tires out of their manufacturing molds and silicone rubber is used in many tires to provide long wear life and superior traction.

