



SELF-BONDING & FABRIC APPLICATIONS

SilCoTec continues its efforts to introduce new silicones capable of self-bonding to various substrates as well as to introduce improved bond strength and durability to products already on the market. In doing so, SilCoTec has developed new liquid/paste additives for LSR's to improve the bond strength and durability of silicone to fabrics. These additives can be pigmented and offered in a full package in a single feedstream, thus, reducing up front costs for customers. In addition, SilCoTec has developed a product that allows the elimination of colored marker fabric lines and replace the latter with a line of silicone rubber that can bond to the fabric and to the silicone itself. This can also help reduce costs and process steps. Applications that have already benefited from the above technologies include various types and styles of Airbags.

SILCOTEC SKIN & BODY COLOR MATCHES

Ongoing demands for medical appliances and medical training apparatus have resulted in a full variety of color matches to various skin tones and body fluids such as blood. SilCoTec has matched and developed pigments for over 30 shades of skintones for prosthetic applications as well as shades of blood for emergency & disaster training. All of the pigments used are FDA compliant. *Don't want a skin tone or blood shade for your medical application?* SilCoTec has also matched over 200 Pantone & Federal colors, and continues to increase such number. Color matches for the latest medical trends are also available, including matching to a person's alma mater colors or favorite professional sports team.

INDUSTRY SPECIFICATION COMPOUNDS

As a result of new inquiries, SilCoTec has developed a full line of various silicone products that meet industry specifications such as: SAE-AMS, military, and AA-59588, among others. The products cover a multitude of Durometers, cost requirements, and colors. In many cases, these new compounds have been fully tested to the specification, and a Certificate of Compliance or Certificate of Analysis is available upon request.

If you would like more information about these projects or you have a project that requires a silicone material, please contact SilCoTec's R&D department and allow us the opportunity to work with you.