



Polymer Systems Technology Limited

FLUROSILICONE DISPERSION FOR THE HEALTHCARE INDUSTRY

MED-6655, a fluorosilicone coating, offers a lower permeability rate and much higher resistance to certain environments than traditional dimethyl systems.



MED-6655 one-part, 100mol% fluorosilicone adhesive/sealant dispersed in Tert-Butyl Acetate.

MED-6655 is comprised of 60% solids with a medium durometer. Because it is a room-temperature vulcanizing (RTV) material, MED-6655 is ideal for spraying and dip-coating processes, as well as sealing and bonding applications.

For applications in which a standard dimethyl system may be compromised and swell, MED-6655 may be used in its place to provide resilience to various solvents and alcohols. In addition, MED-6655 has low gas and moisture permeability compared to a standard dimethyl system.

“MED-6655 can be used for a variety of applications because it has less of a tendency to swell when exposed to dimethyl silicone fluids or other solvent-based environments, including alcohols,” says Brian Reilly, Product Director-Healthcare Materials, “It also adheres well to a variety of substrates.”

NuSil’s MED-6655 may be considered for long-term implant applications of 30 days or more. A variation of MED-6655 is also available for external devices for short-term implant applications of 29 days or less. Master Access File and biological testing will be filed with the U.S. FDA.

For more information, please contact Polymer Systems Technology Limited
<https://www.silicone-polymers.com/Contact-Us.php>



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