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**Driving Growth and
Innovation With Sustainable Design**

Compliant Tactile Sensors

Photonics Tech Briefs

Motion Control Technology™



New on the MARKET

Product Focus: Materials & Coatings

Fluorosilicone Gel



NuSil Technology, Carpinteria, CA, offers FS-3502-1, a two-part, white fluorosilicone gel to fill small gaps and backfill electronics in applications that require solvent and/or fuel resistance. The gel bonds with most surfaces, is hydrocarbon-resistant, and is non-corrosive. It absorbs stresses incurred during thermal cycling. **For Free Info Visit <http://info.hotims.com/34459-100>**

Refractory Coating

Pyro-Paint™ 634-AL from Aremco Products, Valley Cottage, NY, is a high-temperature, alumina-filled refractory coating for bonding, coating, and sealing refractory fiber boards and other shapes. The two-part ceramic coating system is resistant to open flames and molten metals to 5200 °F. It consists of a liquid binder system and powder filler, and contains no volatile organic compounds. **For Free Info Visit <http://info.hotims.com/34459-101>**



Two-Component Epoxy



Master Bond, Hackensack, NJ, offers EP21FL, a two-part epoxy resin system for potting, coating, and sealing electronic assemblies, and bonding dissimilar surfaces. It has a temperature range of -60 to 250 °F, and bond strength greater than 1,500 psi. It features a tensile strength of 1,100 psi and withstands thermal cycling. **For Free Info Visit <http://info.hotims.com/34459-102>**

Epoxy Insulation Coating

Industrial Nanotech, Naples, FL, has introduced Nansulate® EPX, a chemical- and corrosion-resistant coating for insulating pipes, tanks, and other equipment in harsh environments. The water-based coating insulates surfaces to 400 °F, and can be used for metal and non-metal surfaces. It can be applied with a texture sprayer, trowel, or brush while equipment is in service. **For Free Info Visit <http://info.hotims.com/34459-103>**



Production Material



Redeye On Demand, Eden Prairie, MN, offers ABS-ESD7 material for product developers in the medical, electronics, and packaging industries. It is static-dissipative and suitable for electronic products with circuit boards. It can be used in functional prototypes of cases, enclosures, and packaging, and for conveyor guides and workholding tools. **For Free Info Visit <http://info.hotims.com/34459-104>**

Digital Humidity & Temperature Sensors

RH&T

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- Fully Calibrated
- Excellent Performance & Reliability



Specifications	SHT21	SHT25	STS21
Range RH	0% to 100%	-	-
Range T	-40°C to +120°C	-	-
Accuracy RH	2% RH	1.8% RH	-
Accuracy T	0.3°C	0.2°C	0.2°C
Consumption	3 µW	3 µW	3 µW

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Free info at <http://info.hotims.com/34459-764>



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