The LT-4 Nano-coating is a low-cost, high-performance fluoropolymer dissolved in cost effective solvents. When applied to products, the LT-4 exhibits superior hydrophobic (water repellent) and oleophobic (oil repellent) properties at a sub micron level.

Designed for protection of high quality products like printed circuit boards (PCBs), LT-4 will protect a board and the electronic components from moisture, water, condensation and corrosion.

LT-4 also excels in preventing damage from solvents and other chemicals.

The LT-4 material can be applied to printed circuit boards (PCBs) and other electronic devices without the need for masking when applied at 1-2 um film thickness.

Features

- Highly repellent to liquid (hydrophobic) and oil (oleophobic)
- No masking requirements when applied to circuit boards
- Lowest cost conformal coating material
- Resistant to solvents and chemicals
- Dries extremely quickly at room temperature
- Wide temperature range performance
- High dielectric strength material
- Easily inspected with a UV trace
- Easy to apply by spray and dip methods
- Customizable chemistry

For more info.: www.thinfilmpartners.com  

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