

CERTONAL FC-742

产品名称	CERTONAL FC-742
公司名称	上海恩莱保贸易有限公司
价格	.00/个
规格参数	
公司地址	上海市松江区金高路2388号813室
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产品详情

FC-742是透明的,低粘度的表面改性剂含氟聚合物涂层，是一种氢氟醚溶剂。

The solvent is non-flammable, has low toxicity and provides acceptable environmental properties for today's demanding electronic applications. When applied to clean, moisture-free surfaces such as copper, aluminium, ceramic, steel, tin or glass, Certonal FC-742 dries to a thin transparent film with excellent anti-wetting, anti-stiction, anti-migration, and anti-corrosion properties required in many diverse applications. Certonal FC-742 will form a clear, nearly invisible, uniform film that is insoluble in solvents such as heptane, toluene and water. The polymer covalently bonds to glass and metal oxide layers. These films can endure up to 175 ° C for prolonged periods and maintain good repellency.

The low surface energy films cast from Certonal FC-742 have excellent repellency to hydrocarbon oils, silicone oils, synthetic fluids and aqueous solutions. With a surface energy of 11-12 dynes/cm, Certonal FC-742 films compare favourably to coatings of polyethylene and polytetrafluoroethylene, which have surface energy values of approximately 31 and 18 dynes/cm respectively. This property enables non-solubilising solvents such as heptane, toluene and water as well as liquids having low surface tension values such as lubricating oils, silicones etc. to bead and drain freely from surfaces coated with Certonal FC-742 while leaving the film intact. FC-742 coating exhibits many of the practical characteristics desired in a coating system, as seen below, making it especially well-suited for many applications.

Certonal FC-742 is an extremely stable surface modifier fluoropolymer rich in carbon-fluorine bonds. Carbon-fluorine bonds give the coating it's stable characteristics. The dry film is both oleophobic and hydrophobic. As the surface energy is so low, in comparison to coatings based on polyethylene and PTFE, many materials with low surface tension characteristics, such as silicone oils and lubricating oils, bead and drain freely from a Certonal FC-742 coated surface. The low surface energy of the coating also helps to prevent solid materials adhering to the surface.