



KRYLEX WEARABLE DEVICE ADHESIVES

Highly Compatible solutions for wearable technology

People are adopting wearable technologies at an astonishing pace. Devices are worn for hours at a time, even during strenuous activity, and must withstand weather, impacts, sweat and more. Manufacturers of consumer electronics and medical wearable devices are increasingly requiring biocompatible assembly solutions. Chemence understands adhesive biocompatibility concerns. We have 20+ years manufacturing a family of leading topical skin adhesives. Our Research Chemists have developed innovative UV acrylate and polyurethane reactive (PUR) hotmelt adhesives specifically for wearable technology. These advanced formulations provide market-leading biocompatibility along with excellent adhesive to substrates like nylon, PC and aluminum. They feature excellent chemical resistance and moisture barrier properties. Our team stands ready to assist in testing these formulations for your needs, or in customizing the formulations to match your unique performance requirements.

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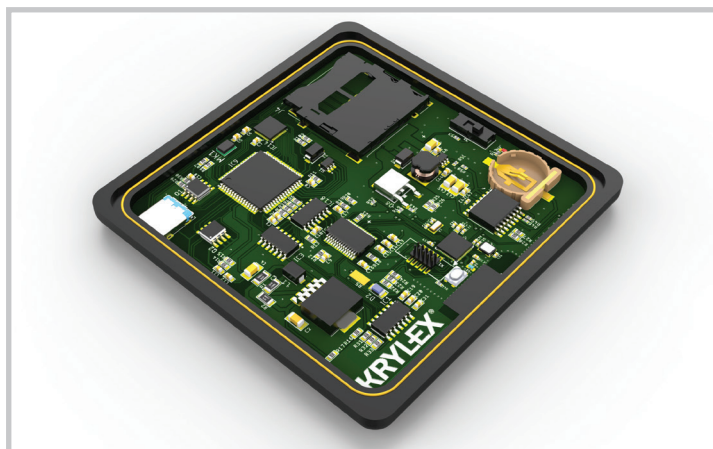


Krylex KU5803

Krylex KU5803 is UV curable acrylate developed for structurally bonding. It can be used for common plastic and metal materials often found in wearable devices. KU5803 offers excellent adhesion and biocompatibility.

Other features include:

- Excellent adhesion to plastic and metals
- Excellent environmental resistance
- On-demand UV/LED curing
- Ultra-low extractable profile



Krylex KH9750

Krylex KH9750 is a novel PUR hotmelt adhesive. It can be used in structural bonding applications or as an encapsulant to protect sensitive electronic assemblies.

Other features include:

- Excellent adhesion to plastic and metals
- Low MVTR for excellent sealing
- Rapid curing through heated dispensing
- Ultra low extractables profile
- ISO-10993 -5 certified

Contact Me Today

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