

Recoat coating is tuned to both UV LED sources and conventional UV lamps.

LD Series : Low Refractive Index Coatings for Optical Fiber Recoating with UV LED (Optimized for Recoat Applications)

Product Application

- Photo reactivity is tuned to UV LED sources and conventional UV lamps
- Shrinkage of coating is lowered to minimize stress to fused fiber connections
- Surface curing is improved to allow for non-sticky surfaces even with a low power UV LED source

Technology Description

- New photoinitiator system is used to react with a low UV LED light source
- High molecular weight oligomer and ring opening reactions are incorporated to minimize the shrinkage
- Highly reactive and low molecular weight monomers are used to optimize the viscosity for flow in the recoat process

Product Certifications

- PFOA & PFOS Free
- ROHS compliance
- USP Class 6 certification