

World's first UV curable fluoro-siloxane coating for 150°C or higher temperatures.

**HT Series : Low Refractive Index Coatings for High Power Optical Fiber Lasers  
(High Temperature High Power Applications)**

**Product Application**

- World's first UV curable low refractive index coatings for 1kW or higher power fiber lasers
- Completely new materials withstand a 150°C operation
- All kind of fiber coatings requiring high temperature operations

**Technology Description**

- Fluorine and Siloxane chemistry are used to create a low refractive index, as low as 1.350
- UV curable fluorinated polydimethylsiloxane backbone is incorporated for resistance against heat
- Hydrosilylation and Silane technology are incorporated for strong adhesion to glass

**Product Certifications**

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