

Low Refractive Index Coatings

New Product Release Announcement

PC 380HT

We are pleased to announce the release of PC 380HT (Primary) and PC 515HT (Secondary) designed for high temperature operations. For mechanical protection, we suggest using PC 515HT, which does not impact the performance of the fibers.

The HT series is formulated for high temperature operations necessary for high power fiber laser applications. The HT series has a fluoro-siloxane chemical backbone structure that withstands high temperature operations over 200°C.

Salient features include:

1. A low cured state RI of 1.380 for the primary coating.
2. Withstands high operational temperatures (over 200°C, with possibly a much higher upper limit).
3. The combination of the primary and secondary coatings provides excellent longevity under high humidity/temperature conditions.
4. PFOA and PFOS-free formulations.

HT Series has only 5% weight loss upto 388°C

