

Formulated for strong adhesion to core glass for jacketing and polishing processes in special fibers.

**HA Series : Low Refractive Index Coatings for Polymer Clad Optical Fibers
(Adhesion Promoted Version)**

Product Application

- Special formulations for strong adhesion to core glass for jacketing and polishing processes
- Polymer clad optical fiber, capillary optical fiber and medical specialty fiber applications
- Medical polymer clad optical fiber withstanding boiling water sterilization

Technology Description

- New Fluorine & Siloxane chemistry is used to create low refractive index, as low as 1.350
- Urethane chemistry is used to increase viscosity suitable for fiber drawing processes
- Special acrylate functionality and silane technology are incorporated for strong adhesion to glass

Product Certifications

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

PRODUCTS	PC409HA	PC404HA
Viscosity at 25°C (cPs) ± 10 ~ 15%	1588	5759
Refractive Index at 592nm (Liquid)	1.385	1.395
Refractive Index at 852 nm (Cured)	1.398	1.404
Tensile Strength	1.35	1.65
Elongation(%)	28	20