



175°C-RATED CARBON SILICONE MID-TEMP ACRYLATE COATING

Available on all AFL MM and SM fiber types

Applications

 DTS / DAS monitoring for temperatures as high as 175°C

Features

- Easy to strip with mechanical strippers – strips easier than standard acrylate coating
- Minimal / no residue after stripping
 no impact on fusion splicing
- Can be colored
- Does not have a negative impact on bend loss

Fiber Properties

- Coating Diameter: 245 μm +/- 20 μm
- Operating Temperature: -40°C to 175°C

PERFORMANCE 175°C Rated Carbon Silicone Mid-Temp Acrylate Coating on VHM2000 Long-Term Soak (2010 Hours) 175°C - VHM2000 CSMTA Induced Loss VHM2000 CSMTA vs. MTDA Strip Force Comparison - 'Average Strip' Force 0.4 200 Average 'Average' Force: 2.5 N 0.35 175 2.5 0.25 (qB/Km) 0.25 (0.25 0.25 0.25 0.15 125 👴 2 100 Temberature (Average 'Average' Force: 1.47 N Force 0.1 0.5 0.05 Sample Number Time (Minutes) VHM2000 CSMTA — MTDA – 1300 nm – – 850 nm – Temp