

DLC Coatings

Diamond-Like Carbon Coatings



VIRTUALLY **0** PINHOLES



SPECTRAL PERFORMANCE

- Spectral region: 8.0 to 11.5 μ (0° to 20° AOI)
- Transmission: \geq 90% avg.
- Spectral region: 8.0 to 12.0 μ (0° to 20° AOI)
- Transmission: \geq 88% avg.



QUALITY REQUIREMENTS

- Adhesion: Per MIL-M-13508C para 4.4.6 (fast full)
- Abrasion: Per MIL-C-675C para 4.5.10. (severe abrasion 40 strokes)
- Humidity: Per MIL-C-675C para 4.5.8. Min 24 hours
- Solubility: Per MIL-C-675C para 4.5.7. Immersion for period of 24 hours in water/salt
- Salt Spray: Per MIL-C-675C para 4.5.9. Salt spray-fog test for a continuous period of 24 hours
- Temperature Cycle: Per MIL-M-13508C para 4.4.4.
- Windscreen Wiper: No signs of removal when exposed to 5,000 revolutions sand/slurry mixture

