JENOLAS 805

Laser Protection Coating for 532 nm

Optical properties:
- OD > 4 (equal to $T < 1 \times 10^{-4}$) for 532 nm
- Bandwidth < 40 nm
  (parallel polarised light and $0^\circ \leq i \leq 10^\circ$)

Applications:
- JENOLAS 805 protects the eye or the receiver against damaging by laser radiation and is optimized to have only a small reflection band around 532 nm.
- The coating has an optimised transparency in the visible range and negligible colour distortion.
- It can be used e.g. for goggles as well as on windows and lenses.

Durability:
- Adhesion: MIL-C-48497A / section 4.5.3.1
- Humidity: MIL-C-48497A / section 4.5.3.2
- Abrasion resistance: MIL-C-48497A / section 4.5.3.3
- Temperature change: MIL-C-48497A / section 4.5.4.1
- Solvent resistance: MIL-C-48497A / section 4.5.4.2

Substrate material:
- The coating can be applied on BK7 and floatglass.
- Other materials are possible on request.

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