JENOLAS 801

Laser Protection Coating for 1054 nm - 1064 nm

**Optical properties:**
- OD > 4.3 (equal to T<5 × 10⁻⁵)
  - for 1054 nm ≤ λ ≤ 1064 nm
- $T_{avg} > 85\%$ for 450 nm ≤ λ ≤ 750 nm
- $T_{abs} > 70\%$ for 450 nm ≤ λ ≤ 750 nm
  - (parallel polarised light and $0^\circ \leq i \leq 30^\circ$)

**Applications:**
- JENOLas 801 protects the eye or the receiver against damaging by laser radiation.
- The coating has a high transmission 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, floatglass and KG filterglass.
- Other materials are possible on request.

**Special features:**
- Other optical densities up to OD 6 are possible on request.

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