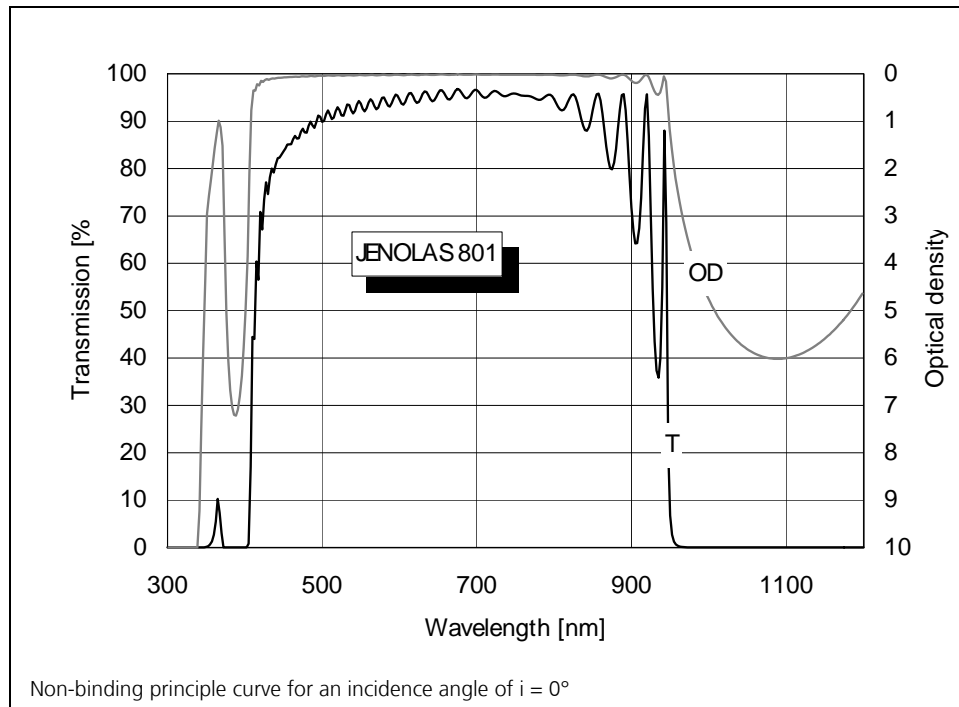


# JENOLAS 801

## Laser Protection Coating for 1054 nm - 1064 nm



## Laser Protection Filter

### Optical properties:

OD > 4,3 (equal to  $T < 5 \times 10^{-5}$ )  
for  $1054 \text{ nm} \leq \lambda \leq 1064 \text{ nm}$

$T_{\text{ava}} > 85 \%$  for  $450 \text{ nm} \leq \lambda \leq 750 \text{ nm}$

$T_{\text{abs}} > 70 \%$  for  $450 \text{ nm} \leq \lambda \leq 750 \text{ nm}$   
(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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