

## WARNING PLEASE READ BEFORE USING

Oriel's 49126 UV Safety Goggles provide protection against:

- UV radiation to 380 nm
- Moderate impact hazards from chips, particles, sparks

### UV Protection

The transmittance curve (Fig. 1) shows good visible transmission with no transmission below 380 nm. The optical density curve (Fig. 2) shows the rapid rise of optical density below 390 nm. Optical density of 2 corresponds to 1 % transmission. The curve shows a rise to optical density of more than 4 (transmission < 0.004 %) below 375 nm.

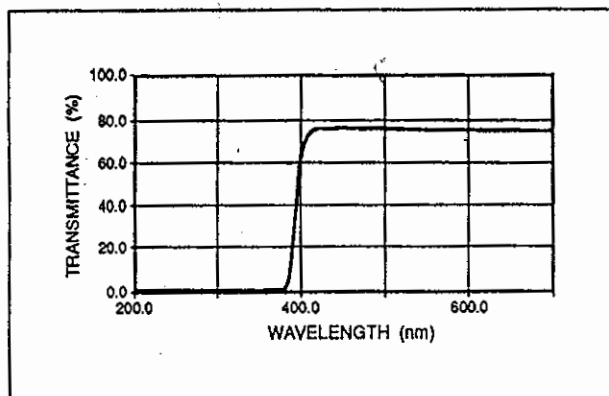


Fig. 1 Transmittance of 49126 UV Safety Goggles.

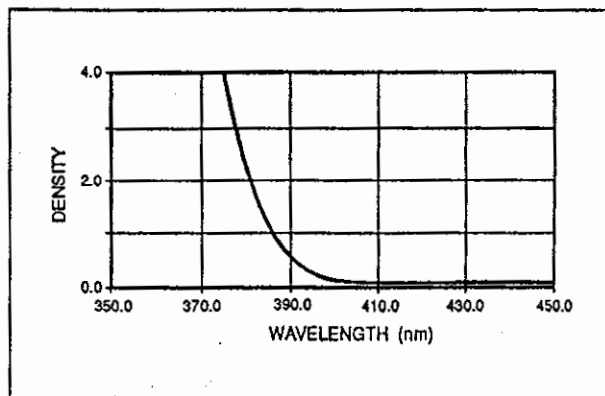


Fig. 2 Optical density of 49126 UV Safety Goggles.

These UV Safety Goggles meet or exceed ANSI Z87.1 standards. They provide virtually 100% protection from ultraviolet rays to 380 nm. The filters are recessed to prevent scratching. Should they become scratched or pitted, replace the goggles. Scratched or pitted filters could significantly reduce UV protection.

### Moderate Impact Hazard

The filters of these goggles are made from polycarbonate which offers moderate impact protection from debris and sparks.

### Cleaning Instructions

Polycarbonate filters should be cleaned carefully to prevent scratching. To remove gritty materials such as sand and salt, wash the goggles in a mild soapy solution and rinse thoroughly. Shake off excess water and pat dry. Do not rub vigorously or use silicon based paper.

#### Take note!

*Due to various combinations of temperature and humidity during transit, your "En-Fog" goggle lens may display a slight film or haze. This is a temporary condition, and does not indicate a loss of the superior anti-fog characteristics. A brief cleaning as described below will quickly restore the original clarity and quality. Here is how to clean your goggle lens:*

1. Rinse with tepid water
2. Wipe with soft dry cloth or tissue, taking care not to scratch the lens.

Do not use these goggles as laser protective eyewear. Do not use these goggles when welding or when performing other operations which expose your eyes to harmful levels of infrared radiation. Please refer to your ANSI manual or a safety specialist for proper selection of safety eyewear. Some UV operations may require faceshields, machine guards, etc., in addition to goggles.