

# SHADE 13 GLASS. 5 SET

Product group: **196**    Product number: **633289**

Filter glasses for arc welding



## Product information

This product supersedes product no: **175703**

For use from 300-500 amp, the glasses have dimension 60 x 110 mm and are manufactured in accordance with DIN standard and are CE approved. When ordering face shields, filter shade glass of correct shade should be ordered in addition to the filter shade 11 glasses which are included. The filter glasses are supplied in sets consisting of 5 safety glasses, 5 protection glasses and 5 filter shade glasses.

## Specification

### General

Invent Hazard Material (IMO/EU) classification	NA
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## Variants

Product name	Product number	Product catalog URL
<a href="#">PROTECTION GLASS. 10PCS</a>	633214 (supersedes 175711)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/protection-glass.-10pcs/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/protection-glass.-10pcs/?epieditmode=true</a>
<a href="#">SAFETY GLASS. 10PCS</a>	633222 (supersedes 511964)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/safety-glass.-10pcs/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/safety-glass.-10pcs/?epieditmode=true</a>
<a href="#">SHADE 10 GLASS. 5SET</a>	633255 (supersedes 175679)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-10-glass.-5set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-10-glass.-5set/?epieditmode=true</a>
<a href="#">SHADE 11 GLASS. 5SET</a>	633263 (supersedes 175687)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-11-glass.-5set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-11-glass.-5set/?epieditmode=true</a>
<a href="#">SHADE 12 GLASS. 5 SET</a>	633271 (supersedes 175695)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-12-glass.-5-set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-12-glass.-5-set/?epieditmode=true</a>
<a href="#">SHADE 13 GLASS. 5 SET</a>	633289 (supersedes 175703)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-13-glass.-5-set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-13-glass.-5-set/?epieditmode=true</a>
<a href="#">SHADE 8 GLASS. 5SET</a>	633230 (supersedes 175653)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-8-glass.-5set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-8-glass.-5set/?epieditmode=true</a>
<a href="#">SHADE 9 GLASS. 5SET</a>	633248 (supersedes 175661)	<a href="https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-9-glass.-5set/?epieditmode=true">https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/welders-protection/shade-9-glass.-5set/?epieditmode=true</a>

## Approvals

CE

## Directions for use

### A. Safety glass (polycarbonate)

The glass is used in shields with a flip-up front frame and should be placed nearest to the eyes to protect against slag or other articles while chipping/ grinding when the flip up front is open.

### B. Filter shade glass

Filters out harmful infra-red and ultra-violet rays from the welding arc, and reduces visible light to a level which is sufficient to see the welding process without straining the welder's eyes. Filter Shade Glass should be selected based on welding process and amperage. The glasses are marked Protane Shade SO 1 DIN 0196 CE

### C. Protection glass

The glass is placed in front of the filter shade glass to protect against spatter. The protection glass should be replaced at regular intervals.

## Related products

### Is accessory to

<b>709485</b>	FLIPVISION WELDING FACE SHIELD
<b>619098</b>	FACE SHIELD W/HANDLE
<b>619114</b>	SAFETY HELM W/FACE SH.

### Is frequently bought together with

<b>633271</b>	SHADE 12 GLASS. 5 SET	<b>633263</b>	SHADE 11 GLASS. 5SET
<b>175273</b>	WELD.GOGGLES W/LIFT-FRONT		
<b>510000</b>	REGULATOR 510 OX PRESSURE 0-10 BAR		
<b>632786</b>	WELDERS GLOVES. 6 PAIRS		

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