



RealShield™ face covering RS1500

Technical Data

April, 2020

Product Description RealShield™ is a single-layer optically clear protective face covering that attaches to a hat, cap, visor, hard hat or bump cap. It is designed to shield your eyes, nose and mouth from airborne droplets.

Product Construction	Lens	Adhesive	Sizes
	Polycarbonate	Acrylic	Adult & Youth

ANSI Certification **Z87.1-2020** Face shield- protective eye and face standard
Z87.1-2020 (D3) Splash protection- eye and face standard

Typical Physical **Note: The following data should be considered representative or typical only and should not be used for specification purposes.**

Properties		ASTM Test Method
Lens Thickness:	15 mil	D3652
Mounting Adhesive Thickness:	8 mil	D3652
Tensile Strength:	9,000 psi	D882
Heat Deflection Temp:	290 F	TMA at 1.8 MPa
Glass Transition Temperature:	307 F	D3417/D3418
Haze:	0.4%	D1003
Yellowness Index:	0.7%	D1925
Visible Light Transmission:	91%	D1003

Features

- Easily attaches to your hat, cap, visor, hard hat or bump cap
- Does not restrict breathing
- Comfortable and light weight to wear
- Optically correct peripheral vision with the highest clarity
- Blocks >99% of harmful UVA and UVB rays
- Facial recognition compliant
- Unobstructed communication with others
- Washable and reusable
- Ships flat and is virtually unbreakable

Applications

RealShield™ face covering can be used in food service, retail sales, education, entertainment, and sporting events.

Storage

Store indoors under normal conditions of 60° to 80°F and 40 to 60% relative humidity in the original packaging.

Shelf Life

For best performance, use this product within 18 months of manufacture date.

Limitation of Liability

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Racing Optics, Inc.

7200 Montessouri St Ste 100
Las Vegas, NV 89113-4465
800-378-9805 702-636-0067 (fax)
www.racingoptics.com