# **3** Science. Applied to Life.™

# **Technical Specification**

Release 1, January 2018

# Virtua<sup>™</sup> Sport CCS and Virtua<sup>™</sup> CCS Series

#### Description

Sleek, unisex Virtua Sport protective eyewear with a Corded Earplug Control System (CCS). Combines athletic-look styling, versatility and value with a high wraparound, polycarbonate lens.

#### **Key Features**

- Cord Control System for 3M<sup>™</sup> Corded Earplugs
- Absorbs 99.9 % UVA and UVB
- Wrap-around lens design
- Non-removable nose piece
- Available diopters +1.5, +2.0, +2.5
- Optional removable foam gasket





### **Overview of CCS Installation Instructions**

Always read and follow all User Instructions.

Image	Instructions
	1. Make a loop with the earplug cord.
	2. Thread loop through the temple-tip starting from outside, making sure the earplug is toward eyewear front. Make sure earplug end is facing the front of the glass.
	3. Pass finger inside the loop.
	4. Pull on each end of cord until it is secured in the wave located on the end of the temple.
	5. Pull earplug cord to straighten in temple. Do not pull on earplug as this could result in the separation of the earplug and cord.
	6. To remove: Pull both ends of the cord (together) away from the temple. OR - Cut earplug cord with a scissor.
	7. When earplugs are not in use, the CCS feature allows the corded earplugs to dual as a lanyard - a cord worn around the neck for carrying your protective eyewear.

# **3M Personal Safety Division**

Product Number	3M I.D. Number	UPC	Description
11872-00000-20	70-0716-4733-6	1-00-78371-11872-0	3M™ Virtua™ CCS Protective Eyewear 11872-00000-20, with Foam Gasket, Clear Anti-Fog Lens, 20 EA/Case
11797-00000-20	70-0715-6197-4	1-00-78371-11797-6	3M™ Virtua™ Sport CCS Protective Eyewear 11797-00000-20 Corded Control System, Clear Hard Coat Lens, 20 EA/Case
VC215AF	70-0716-5408-4	1-00-78371-66269-8	3M™ Virtua™ CCS Protective Eyewear with Foam Gasket, VC215AF Clear +1.5D Anti-Fog Lens, 20 EA/Case
VC220AF	70-0716-5409-2	1-00-78371-66270-4	3M™ Virtua™ CCS Protective Eyewear with Foam Gasket, VC215AF Clear +2.0D Anti-Fog Lens, 20 EA/Case
VC225AF	70-0716-5410-0	1-00-78371-66271-1	3M™ Virtua™ CCS Protective Eyewear with Foam Gasket, VC215AF Clear +2.5D Anti-Fog Lens, 20 EA/Case

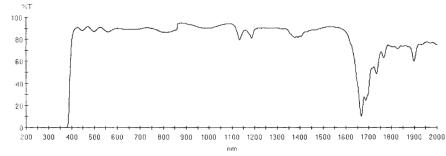


Approximate Weight		
Eyewear	23 g (0.81 oz)	
Gasket	6 g (0.2 oz)	
Approximate Physical Dimension		
Lens (Top)	147 mm	
Material Composition		
Lens/nosepad	Polycarbonate (clear)	
Temple	Polycarbonate (clear)	
Temple Hinge	Stainless steel screw (top)	
Gasket	Nylon/EVA	

#### Regulatory/Standards (Markings)

- ANSI Z87.1-2015 (3M Z87+ U6)
- CSA Z94.3 (Z94.3)

# Representative Transmittance Spectrum (200 - 2000 nm)



ANSI Z87.1 Transmittance Requirement Classification	
Visible Light Filter (380 - 780 nm)	Clear
Ultraviolet Filter (200 - 380 nm)	U6
Infrared Filter (780 - 2000 nm)	Not rated
Welding Filter	Not rated

# Other Noted Ratings

• Impact: Z87+

#### Storage

Eyewear should be stored between temperatures of 50 °F (10 °C) and 86 °F (30 °C), in dry conditions with no chemical exposure, out of any direct exposure to radiation (IR, UV, etc.), and in non-abrasive environments.

#### Cleaning

Thoroughly clean all surfaces with a mild soap solution and lukewarm water, then rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

Product Number	3M I.D. Number	UPC	Description
11873-00000-20	70-0716-4734-4	1-00-78371-11873-7	3M™ Virtua™ CCS Protective Eyewear 11873-00000-20, with Foam Gasket, GRAY Anti-Fog Lens, 20 EA/Case
11798-00000-20	70-0715-6198-2	1-00-78371-11798-33M™ Virtua™ Sport CCS Protective Eyewear 11798-00000-2 Corded Control System, Gray Anti-Fog Lens, 20 EA/Case	
11799-00000-20	70-0715-6199-0	1-00-78371-11799-0	3M™ Virtua™ Sport CCS Protective Eyewear 11799-00000-20 Corded Control System, Gray Hard Coat Lens, 20 EA/Case

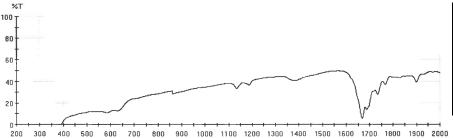


Approximate Weight		
Eyewear	23 g (0.81 oz)	
Gasket	6 g (0.2 oz)	
Approximate Physical Dimension		
Lens (Top)	147 mm	
Material Composition		
Lens/nosepad	Polycarbonate (gray)	
Temple	Polycarbonate (gray)	
Temple Hinge	Stainless steel screw (top)	
Gasket	Nylon/EVA	

### Regulatory/Standards (Markings)

- ANSI Z87.1-2015 (3M Z87+ U6)
- CSA Z94.3 (Z94.3)

#### Representative Transmittance Spectrum (200 - 2000 nm)



ANSI Z87.1 Transmittance Requirement Classification		
Visible Light Filter (380 - 780 nm)	L3	
Ultraviolet Filter (200 - 380 nm)	U6	
Infrared Filter (780 - 2000 nm)	Not rated	
Welding Filter	Not rated	

#### **Other Noted Ratings**

• Impact: Z87+

#### Storage

Eyewear should be stored between temperatures of 50 °F (10 °C) and 86 °F (30 °C), in dry conditions with no chemical exposure, out of any direct exposure to radiation (IR, UV, etc.), and in non-abrasive environments.

# Cleaning

Thoroughly clean all surfaces with a mild soap solution and lukewarm water, then rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

Product Number	3M I.D. Number	UPC	Description
11874-00000-20	70-0716-4735-1	1-00-78371-11874-4	3M™ Virtua™ CCS Protective Eyewear 11874-00000-20, with Foam Gasket, I/O Mir Anti-Fog Lens, 20 EA/Case

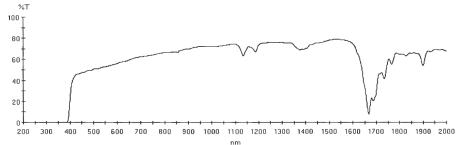


Approximate Weight		
Eyewear	23 g (0.81 oz)	
Gasket	6 g (0.2 oz)	
Approximate Physical Dimension		
Lens (Top)	147 mm	
Material Composition		
Lens/nosepad	Polycarbonate (Metallized)	
Temple	Polycarbonate (Metallized)	
Temple Hinge	Stainless steel screw (top)	
Gasket	Nylon/EVA	

#### Regulatory/Standards (Markings)

- ANSI Z87.1-2015 (3M Z87+ U6)
- CSA Z94.3 (Z94.3)

#### Representative Transmittance Spectrum (200 - 2000 nm)



ANSI Z87.1 Transmittance Requirement Classification		
Visible Light Filter (380 - 780 nm) Not rated		
Ultraviolet Filter (200 - 380 nm)	U6	
Infrared Filter (780 - 2000 nm)	Not rated	
Welding Filter	Not rated	

### Other Noted Ratings

• Impact: Z87+

### Storage

Eyewear should be stored between temperatures of 50 °F (10 °C) and 86 °F (30 °C), in dry conditions with no chemical exposure, out of any direct exposure to radiation (IR, UV, etc.), and in non-abrasive environments.

#### Cleaning

Thoroughly clean all surfaces with a mild soap solution and lukewarm water, then rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

#### (i) IMPORTANT NOTE

Before use, the wearer must read and understand the User Instructions provided as part of the product packaging.

#### Personal Safety Division 3M Center, Building 235-2W-70

St. Paul, MN 55144-1000 3M PSD products are

3M PSD products are occupational use only.

In United States of AmericaTechnical Service:1-800-243-4630Customer Service:1-800-328-16673M.com/workersafetyIn CanadaTechnical Service:1-800-267-4414Customer Service:1-800-364-35773M.ca/SafetyIn Service:

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