

Technical Specification

Revision 2, February 2020

SecureFit[™] 3700 Series

Description

Get over-the-glass protection with all day wearability with the 3M[™] SecureFit[™] 3700 Series. The adjustable ratchet temples provides five adjustment points on the temple to help create a secure and personalized fit. The eyewear features pressure diffusion temple technology and a soft touch nosepiece to help provide longwearing comfort.

Key Features

- Pressure Diffusion Temple (PDT) technology
- Absorbs 99.9 % UVA and UVB
- Over-the-glass lens design
- Soft nosepad
- Pantoscopic tilt
- Alternate fit nose piece
- Optional brow guard





Product Number	3M I.D. Number	UPC	Description
SF3701SGAF-BLU	70-0717-3196-5	50051131278962	3M™ SecureFit™ 3700 Series, SF3701SGAF-BLU, Blue Temple, Scotchgard™ Anti-Fog Coating, Clear OTG AF-AS lens 10ea/cs
SF3701SGAF-GRN	70-0717-3208-8	50051131279112	3M™ SecureFit™ 3700 Series, SF3701SGAF-GRN, Lime Green Temple, Scotchgard™ Anti-Fog Coating, Clear OTG AF-AS lens, 10ea/cs
SF3701SGAF-ORG	70-0717-3294-8	50068060428788	3M™ SecureFit™ 3700 Series, SF3701SGAF-ORG, Orange Temple, Scotchgard™ Anti- Fog Coating, Clear OTG AF-AS lens 10ea/cs
SF3701ASGAF-BLU	70-0717-3215-3	50051131279181	3M™ SecureFit™ 3700 Series, SF3701ASGAF-BLU, Alternate Fit, Blue, Scotchgard™ Anti-Fog Coating, Clear OTG AF-AS lens 10ea/cs
SF3701XSGAF-BLU	70-0717-3203-9	50051131279068	3M™ SecureFit™ 3700 Series, SF3701XSGAF-BLU, Blue Temple, Browguard, Scotchgard™ Anti-Fog Coating, Clear OTG AF-AS lens, 10ea/cs
SF3701XSGAF-RED	70-0717-3300-3	50068060428849	3M™ SecureFit™ 3700 Series, SF3701XSGAF-RED, Gray Temple, Browguard, Scotchgard™ Anti-Fog, Clear OTG AF-AS lens 10/cs
SF3701XASGAF-BLU	70-0717-3291-4	50068060428764	3M™ SecureFit™ 3700 Series, SF3701XASGAF-BLU, Alternate Fit, Blue, Browguard, Scotchgard™ Anti-Fog, Clear OTG AF-AS lens 10/cs
SF3701AS-BLU	70-0717-3197-3	50051131278979	3M™ SecureFit™ 3700 Series, SF3701AS-BLU, Blue Temple, Clear OTG Anti-scratch lens, 10ea/cs
SF3701AS-GRN	70-0717-3209-6	50051131279129	3M™ SecureFit™ 3700 Series, SF3701AS-GRN, Lime Green Temple, Clear OTG Anti- scratch lens, 10ea/cs
SF3701AS-ORG	70-0717-3299-7	50068060428832	3M™ SecureFit™ 3700 Series, SF3701AS-ORG, Orange Temple, Clear OTG Anti- scratch lens, 10ea/cs
SF3701XAS-BLU	70-0717-3204-7	50051131279075	3M™ SecureFit™ 3700 Series, SF3701XAS-BLU, Blue Temple, Browguard, Clear OTG Anti-scratch lens, 10ea/cs

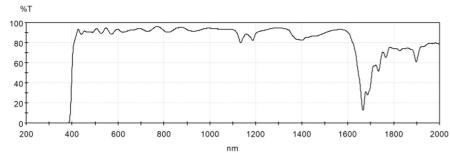


Approximate Weight	
Eyewear (no brow guard)	43 g (1.6 oz)
Brow guard	3 g (0.1 oz)
Approximate Physical Dimension	on
Lens (Top)	155 mm
Lens (Height)	5.5 mm
Material Composition	
Lens	Polycarbonate (clear)
Frame	Polycarbonate
Nosepiece (hard)	Polycarbonate
Nosepad (soft)	TPE
Temple	Xylex
Temple Hinge	Stainless steel screw (top)
Temple Ratchet	Polyamide
Brow Guard (hard)	Polycarbonate
Brow Guard (soft)	TPE

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ U6)

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 (sunlight, 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	
SF3702SGAF-BLU 70-0717-3198-1 50051131279020		50051131279020	3M™ SecureFit™ 3000 Series, SF3702SGAF-BLU, Blue Temple, Scotchgard™ Anti-Fog Coating, Gray OTG AF-AS lens, 10 EA/Case	
SF3702XSGAF-BLU 70-0717-3205-4 500511		50051131279082	3M™ SecureFit™ 3700 Series,SF3702XSGAF-BLU, Blue Temple, Browguard, Scotchgard™ Anti-Fog Coating, Gray OTG AF-AS lens, 10ea/cs	
SF3702AS-BLU 70-0717-3199-9 500511312790		50051131279037	3M™ SecureFit™ 3700 Series, SF3702AS-BLU, Blue Temple, Gray OTG Anti-scratch lens, 10ea/cs	

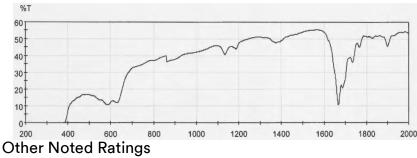


Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Brow guard	3 g (0.1 oz)	
Approximate Physical	Dimension	
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (clear)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Temple Ratchet	Polyamide	
Brow Guard (hard)	Polycarbonate	
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ U6)

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Representative Transmittance Spectrum (200 - 2000 nm)
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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	

• 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 (sunlight, IR, UV, etc.), and in non-abrasive environments.

Cleaning

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

Product Number	3M I.D. Number	UPC	Description
SF3703SGAF-GRN	70-0717-3210-4		3M™ SecureFit™ 3700 Series, SF3703SGAF-GRN, Green Temple, Scotchgard™ Anti- Fog Coating, Amber OTG AF-AS lens, 10ea/cs

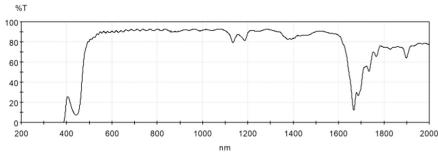


Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Brow guard	3 g (0.1 oz)	
Approximate Physical Dimension	on .	
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (Amber)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Temple Ratchet	Polyamide	
Brow Guard (hard)	Polycarbonate	
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ U6)

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 (sunlight, IR, UV, etc.), and in non-abrasive environments.

Cleaning

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

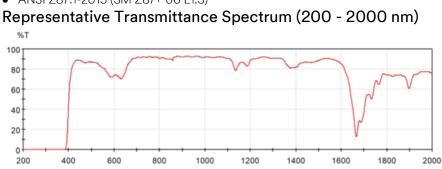
	Product Number	3M I.D. Number	UPC	Description
:	SF3704SGAF-BLU	70-0717-3213-8		3M™ SecureFit™ 3700 Series, SF3704SGAF-BLU, Blue Temples,Scotchgard™ Anti-Fog Coating, Light Blue OTG AF-AS lens 10ea/cs



Approximate Weight	
Eyewear (no brow guard)	43 g (1.6 oz)
Approximate Physical Dimensi	on
Lens (Top)	155 mm
Lens (Height)	5.5 mm
Material Composition	
Lens	Polycarbonate (Light Blue)
Frame	Polycarbonate
Nosepiece (hard)	Polycarbonate
Nosepad (soft)	TPE
Temple	Xylex
Temple Hinge	Stainless steel screw (top)
Temple Ratchet	Polyamide
Brow Guard (hard)	Polycarbonate
Brow Guard (soft)	TPE

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ U6 L1.3)



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 (sunlight, IR, UV, etc.), and in non-abrasive environments.

Cleaning

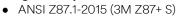
Thoroughly clean all surfaces with a mild soap solution and lukewarm water, rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

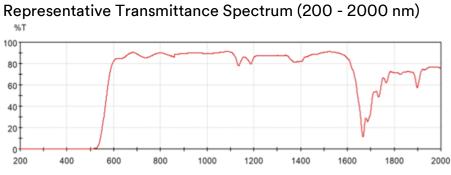
Product Number	3M I.D. Number	UPC	Description
SF3706AS-GRY	70-0717-3216-1		3M™ SecureFit™ 3700 Series, SF3706AS-GRY, Gray Temples, Orange OTG Anti- Scratch lens 10ea/cs



Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Approximate Physical Dimension		
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (Orange)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Temple Ratchet	Polyamide	
Brow Guard (hard) Polycarbonate		
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)





ANSI Z87.1 Transmittance Requirement Classification		
Visible Light Filter (380 - 780 nm)	S	
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 (sunlight, IR, UV, etc.), and in non-abrasive environments.

Cleaning

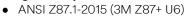
Thoroughly clean all surfaces with a mild soap solution and lukewarm water, rinse. Dry with a soft cloth or tissue. Do not use any solvents on these lenses.

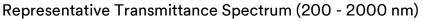
Product Number	3M I.D. Number	UPC	Description	
SF3707SGAF-BLU	70-0717-3206-2	50051131279099	3M™ SecureFit™ 3700 Series, SF3707SGAF-BLU, Blue Temple, Scotchgard™ Anti-Fog Coating, Indoor/Outdoor Gray OTG AF-AS lens 10ea/cs	
SF3707XSGAF-BLU	70-0717-3217-9	50051131279204	3M [™] SecureFit [™] 3700 Series, SF3707XSGAF-BLU, Blue Temple Browguard, Scotchgard [™] Anti-Fog Coating, I/O Gray OTG AF-AS lens, 10ea/cs	
SF3707AS-BLU	70-0717-3207-0		3M™ SecureFit™ 3700 Series, SF3707AS-BLU, Blue Temple, Indoor/Outdoor Gray OTG Anti-scratch lens, 10ea/cs	

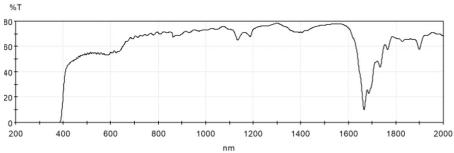


Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Brow guard	3 g (0.1 oz)	
Approximate Physical Dim	ension	
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (Indoor/Outdoor)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Temple Ratchet	Polyamide	
Brow Guard (hard)	Polycarbonate	
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)







ANSI Z87.1 Transmittance Requirement Classification		
Visible Light Filter (380 - 780 nm)	L1.7	
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 (sunlight, 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
SF3717AS-BLK	70-0717-3211-2		3M™ SecureFit™ 3700 Series, SF3717AS-BLK, Black Temples, IR 1.7 Gray OTG Anti- Scratch lens 10ea/cs

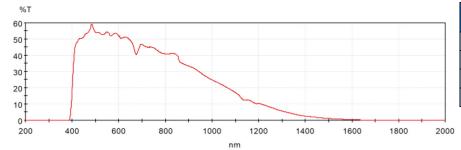


Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Approximate Physical Dimension		
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (Gray)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Femple Ratchet Polyamide		
Brow Guard (hard) Polycarbonate		
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ W1.7)

Representative Transmittance Spectrum (200 - 2000 nm)



ANSI Z87.1 Transmittance Requirement Classification		
Visible Light Filter (380 - 780 nm) 1.7		
Ultraviolet Filter (200 - 380 nm)	U6	
Infrared Filter (780 - 2000 nm)	R1.7	
Welding Filter	W1.7	

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 (sunlight, 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
SF3730AS-BLK	70-0717-3212-0		3M™ SecureFit™ 3700 Series, SF3730AS-BLK, Black Temples, IR 3.0 Gray OTG Anti- Scratch lens 10ea/cs

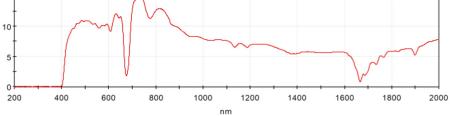


Approximate Weight		
Eyewear (no brow guard)	43 g (1.6 oz)	
Approximate Physical Dimension		
Lens (Top)	155 mm	
Lens (Height)	5.5 mm	
Material Composition		
Lens	Polycarbonate (Gray)	
Frame	Polycarbonate	
Nosepiece (hard)	Polycarbonate	
Nosepad (soft)	TPE	
Temple	Xylex	
Temple Hinge	Stainless steel screw (top)	
Temple Ratchet	Ratchet Polyamide	
Brow Guard (hard) Polycarbonate		
Brow Guard (soft)	TPE	

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ W3.0)

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)	R3	
Welding Filter	W3.0	

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 (sunlight, 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
SF3750AS-BLK	70-0717-3214-6		3M™ SecureFit™ 3700 Series, SF3750AS-BLK, Black Temples, IR 5.0 Gray OTG Anti- Scratch lens 10ea/cs

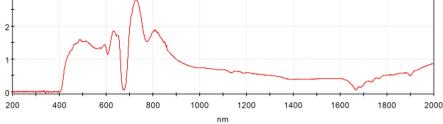


Approximate Weight				
Eyewear (no brow guard)	43 g (1.6 oz)			
Approximate Physical Dimension				
Lens (Top)	155 mm			
Lens (Height)	5.5 mm			
Material Composition				
Lens	Polycarbonate (Gray)			
Frame	Polycarbonate			
Nosepiece (hard)	Polycarbonate			
Nosepad (soft)	TPE			
Temple	Xylex			
Temple Hinge	Stainless steel screw (top)			
Temple Ratchet	Polyamide			
Brow Guard (hard)	Polycarbonate			
Brow Guard (soft)	TPE			

Regulatory/Standards (Markings)

• ANSI Z87.1-2015 (3M Z87+ W5)

Representative Transmittance Spectrum (200 - 2000 nm)



ANSI Z87.1 Transmittance Requirement Classification				
Visible Light Filter (380 - 780 nm)	L5			
Ultraviolet Filter (200 - 380 nm)	U6			
Infrared Filter (780 - 2000 nm)	R5			
Welding Filter	W5			

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 (sunlight, IR, UV, etc.), and in non-abrasive environments.

Cleaning

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

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

3M Center, Building 235-2W-70 St. Paul, MN 55144-1000

3M PSD products are occupational use only.

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