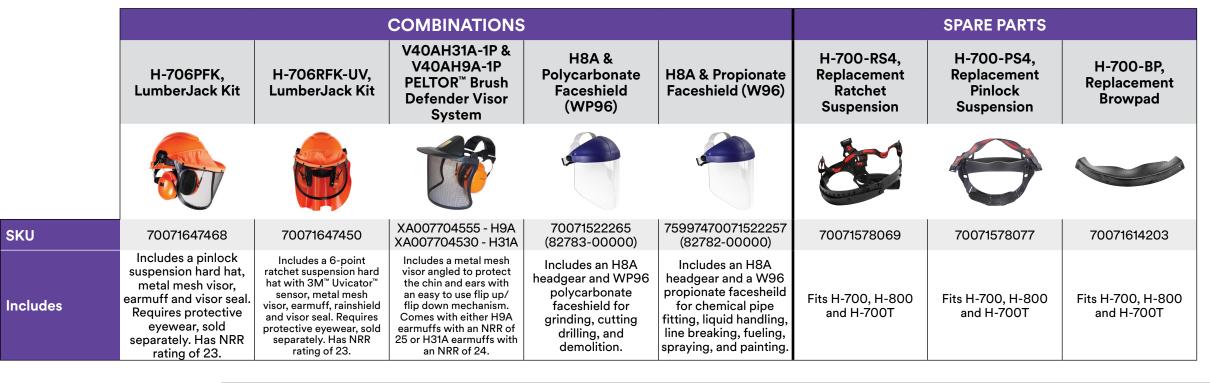


## Guide for 3M<sup>™</sup> ANSI Hard Hats, Headgear, and Faceshields



			H-SER	RIES HARD H	HATS/HEAD	GEAR		
	H-700	H-800	H-700T	H8A	H10	H18	H8A-S	H18-S
	зм							
SKU	Various	Various	Various	70071513348	70071521952	70071513355	70071522091	70071521986
Product ID	NA	NA	NA	82501-00000	82516-00000	82502-00000	82589-00000	82536-00000
Key Benefits	Cap Style	Full Brim	Elevated Temperatures	Standard Faceshield Holder	Extended Crown Coverage	Hard Hat Slot Mounted	Heat Resistant	Hard Hat Slot Mounted Heat Resistant
Suspension Options Ratchet (R), Pinlock (P)	RP	R	R	R	R		R	
Spark Def/Shell Material	HDPE	HDPE	Glass Nylon	ABS	ABS	ABS	Triax	Triax
Radiant Heat Resistance			375 °F					
Electrical Rating (All vented hard hats are rated class C - NOT intended to provide electrical protection against contact with electric hazards)	CLASS CLASS E	G CLASS E	CLASS					
Color			•0	Blue spark deflector gray suspension	Blue crown and spark deflector gray suspension	Blue spark deflector	Silver spark deflector and gray suspension	Silver spark deflector
Approximate Weight	343 g pinlock / 366 g ratchet / +8.5 g 6 pt	403 g Ratchet / +8.5 g 6 pt	375 g Ratchet	212 g	255 g	150 g	212 g	150 g
Suspension Size	6-5/8 to 7-3/4 hat size (53 cm to 62 cm) Pinlock 6-3/4 to 7-3/4 hat size (54 to 62cm)	6-5/8 to 7-3/4 hat size (53 cm to 62 cm)	6-5/8 to 7-3/4 hat size (53 cm to 62 cm)	6-3/4 to 8 hat size (54 cm to 64 cm)	6-3/4 to 8 hat size (54 cm to 64 cm)	6-3/4 to 8 hat size (54 cm to 64 cm)	6-3/4 to 8 hat size (54 cm to 64 cm)	6-3/4 to 8 hat size (54 cm to 64 cm)
ANSI Z89.1 Impact Rating	TYPE	TYPE	TYPE					
ANSI Lower Temp Rating (LT)								
ANSI Higher Temp Rating (HT)								
ANSI Reverse Donning								
Optional Mining Lamp Bracket	V							
Optional Logo/Reflective hardhatcustomizer.3M.com	LOGO REF	LOGO REF						
Optional patented 3M™ UVicator™ Sensor Lets wearer know when to replace hard hat due to UV exposure	<b>②</b>	<b>S</b>						
Molded/ Flat stock Anti-fog/		A DTEDO E		ATC/UEAD	CEAD AND	FACECLUE	DC/CORE	  NG

			Product Number	Product ID	SKU	Faceshield Material	Potential Applications	Key Benefits	Impact Z87+	Chemical Resistance	Shade	Radiant Heat Resistance	Approximate Size	Molded/ Flat stock (approx. thickness)	Anti-fog/ Anti-scratch	ADAPTERS FOR HARD HATS/HEADGEAR AND FACESHIELDS/SCREENS							
			WP96	82701- 00000	70071522182	Polycarbonate	Grinding, Cutting, Drilling,	Standard					9" × 14.5"	Molded 0.08" thick		H24M		H24T*					
			WP96X	82582- 00000	70071522059	Polycarbonate	Demolition	Extended Side					9" × 18.25"	Flat 0.04" thick		H24M		H24T*	NO				
	СŢ		WCP96	82600-	70071522125			Coverage  Abrasion and Fog Resistant					9" × 14.5"	Molded	AF AS	H24M		H24T*					
	CLEAR IMPAC			00000 82543-				Coatings						0.08" thick	AF AS	П24ІVІ		П241	Adapter				
	CLE	+	WP98	00000	70071522000	Polycarbonate		Additional Chin Coverage					7.25" × 14.5"	0.04" thick		H24M		H24T*	Needed				
	<u></u>		CP8	82542- 00000	70071521994	Polycarbonate								Molded		Any 3M muffs/		Any 3M muffs/					
			V2C-10P	NA	XA007704134	Polycarbonate	Pipe Fitting,	Lightweight & Improved Ventilation	<b>S</b>				8.25" × 12.125"	Flat 0.04" thick		comms with P3E adapter or P3EV/2 (or DP3E) without muffs		comms with P3E adapter or P3EV/2 (or DP3E) without muffs*					
			W96	82700- 00000	70071522174	Propionate	Liquid Handling, Line Breaking, Fueling,	Chemical Resistant					9" × 14.5"	Molded 0.08" thick		H24M		H24T*	No Adapter				
			WE96X	82581- 00000	70071522042	PETG	Spraying, Painting	Chemical Resistant, Extended Side Coverage					9" × 18.25"	Flat 0.04" thick		H24M		H24T*					
	ICALS		WE96S	82580- 00000	70071522034	PETG		Chemical Resistant, Shorter Length, Reduces Fogging					7.5" × 14.5"	Flat 0.04" thick		H24M		H24T*	Needed				
ear.	CHEMICA		V2A-10P	NA	XA007704118	Acetate		Chemical Resistant, Lightweight & Improved					8.25" × 12.125"	Flat 0.04" thick		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs*					
ive eyew		1	V3F-10P	NA	XA007704159	Acetate		Ventilation Chemical Resistant, Nose Cutout & Improved					5.5" × 12.125"	Flat 0.04" thick		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs*					
with protective eyewear.		~	V4D-10P	NA	XA007704175	Acetate		Ventilation Chemical Resistant, Fog Resistant, Adjustable Face to Shield Distance		<b>⊘</b>			7" × 11.8"	Flat 0.04" thick	AF	Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)					
orn			WP96B	82525- 00000	70071521960	Polycarbonate	Work around high intensity	Tinted For Moderately Bright			Med Green		9" × 14.5"	Molded 0.08" thick		without muffs H24M		without muffs*					
d must be			WP96C	82702- 00000	70071522190	Polycarbonate		Tinted For Bright Environments			Dark Green		9" × 14.5"	Molded 0.08" thick		H24M		H24T*	NO				
et ANSI Z87.1 and must be w	AND SHADE/IR		WP96IR3	82705-10000	70071522216	Polycarbonate		Blocks up to 91% of IR			IR Shade 3		9" × 14.5"	Molded 0.08" thick		H24M		H24T*	Adamtor				
meet ANS	ST AND S		WP96IR5	82706-10000	70071522224	Polycarbonate		Radiation  Blocks up to 97.5% of IR			IR Shade 5		9" × 14.5"	Molded 0.08" thick		H24M		H24T*	Adapte				
es es	IMPACT		WCP96B	82601-	70071522133	Polycarbonate		Radiation  Tinted For Moderately Bright Environments & Abrasion and Fog Resistant Coatings			Med Green		9" × 14.5"	Molded	AF AS	H24M		H24T*	Needed				
S All fac		•	V2B-10P	00000 NA	XA007704126			Tinted For			Med Green		8.25"×	Flat		Anv 3M muffs/		Any 3M muffs/ comms with P3E adapter or					
FACESHIELDS/SCREENS				82504-			Furnace work,	Moderately Bright Environments, Lightweight & Improved Ventilation			wed Green	Blocks at least 80% of IR	12.125"	0.04" thick  Molded		comms with P3E adapter or P3EV/2 (or DP3E) without muffs		P3EV/2 (or DP3E) without muffs*					
IELDS/S	URE		WP96AL	00000	70071513413	Polycarbonate	tapping, Molten Metal Pouring	Blocks IR Tinted	<b>V</b>			80% of IR Radiation	9" × 14.5"	0.08" thick		H24M		H24T					
ACESHI	ELEVATED TEMPERATURE		WP96BAL	82518- 00000	70071513447	Polycarbonate		For Moderately Bright Environments Block IR			Med Green	80% of IR Radiation	9" × 14.5"	Molded 0.08" thick		H24M		H24T					
	VATED TE		WP96CAL	82509- 00000	70071513439	Polycarbonate		Tinted For Bright Environments			Dark Green	Blocks at least 80% of IR Radiation	9" × 14.5"	Molded 0.08" thick		H24M		H24T	Adamtar				
	AND ELE		WCP96G	82602- 00000	70071522141	Polycarbonate		Higher IR Block Higher IR Block				Blocks at least 89% of IR Radiation	9" × 14.5"	Molded 0.08" thick	AF AS	H24M		H24T	Added				
	IMPACT		WCP96BG	82603- 00000	70071522158	Polycarbonate		Tinted For Moderately Bright Environments			Med Green	Blocks at least 89% of IR Radiation	9" × 14.5"	Molded 0.08" thick	AF AS	H24M		H24T	Needed				
			WCP96CG	82604- 00000	70071522166	Polycarbonate		Higher IR Block Tinted For Bright Environments	<b>•</b>		Dark Green	Blocks at least 89% of IR Radiation	9" × 14.5"	Molded 0.08" thick	AF AS	H24M		H24T					
TED	ELEVALED EMPERATURE NO IMPACT		W96M	82506- 00000	70071513421	Steel Mesh		Good Ventilation				<b>S</b>	9" × 14.5"	Molded		H24M		H24T	No Adapter				
ELEV	TEMPER NO IM	20.	W96MW	82511-00000	70071521937	Steel Mesh		Good Ventilation and Clear Window For Improved Visibility					9" × 14.5"	Molded		H24M		H24T	Needed				
			V1A-10P	NA	XA007704092		Chainsawing, Wood Cutting	Steel Mesh, Great Ventilation					6.5" × 11.5"	Molded		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs*					
	MESH		V1B-10P	NA	XA007704100	Nylon Mesh		Nylon Mesh, Great Ventilation					6.5" × 11.5"	Molded		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)		Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)					
			V4A-10P	NA	XA007704167	Metal Mesh		Steel Mesh, Good Ventilation, Adjustable Face to Shield					6.5" × 11.8"	Flat		without muffs  Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)		without muffs*  Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E)					
퓽	CLEAR	<u> </u>	V4F-10P	NA	XA007704183	Polycarbonate	Medical, non- Hazardous Chemical Handling	Lightweight, Adjustable Face to Shield Distance					7" × 11.8"	Flat 0.04" thick		without muffs  Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs		without muffs*  Any 3M muffs/ comms with P3E adapter or P3EV/2 (or DP3E) without muffs*					

		EA	RMUFFS – C	COMPATIBLE	WITH H-70	0 AND H-70	OT* All faces	shields listed a	re compatible	with 3M earm	uffs			COMM	IUNICATION	N SYSTEMS -	- COMPATIE	BLE WITH H-	700 AND H	-700T*				
		3M™ PELTOR™								3M™ PELTOR™ Optime™ 3M™ E-A-R™					3M™ PELTOR™ P3E Communication Systems									
	X1P3E	X2P3E	ХЗРЗЕ	Х4РЗЕ	X5P3E	H31P3E	Н7РЗЕ	95	98	101	105	2000Н	2-Way Radio MT7H7P3	Lite-Com Pro II 2-Way Radio MT7H7P3E 4010-NA-50	2-Way Comms MT15H7P		WS™ ProTac™ XP Bluetooth MT15H7P 3EWS5-77	TacticalPro MT15H 7P3E SV	ProTac <sup>™</sup> III MT13H 221P3E		WorkTunes™ Pro AM/FM Radio HRXS22 1P3E-NA			
	30											60			o u	<b>3</b> 0,	<b>5</b> -,	50	60	58	56			
	XA007707889	XA007707897	XA007707905	XA007707913	XA007707921	XH001651195	70071515590	70071517075	70071517059	XH001651245	XH001651302	70071515418	XH001680657	XH001679329	70071536174	XH001680244	XH001680269	70071523412	UU004690614	UU004637771	UU004690689			
	21 dBA	24 dBA	25 dBA	25 dBA	31 dBA	23 dBA	25 dBA	21 dBA	23 dBA	24 dBA	27 dBA	21 dBA	25dB NRR	25dB NRR	26dB NRR	20dB NRR	26dB NRR	26dB NRR	23dB NRR	19dB NRR	23dB NRR			
fs and	l communication	ns systems listed	are rated to AN	ISI S3.19-1974	Noise Reduction	n Rating (NRR): 3	M strongly recor	nmends fit testin	g of hearing pro	tectors. If NRR is	s used to estimate	typical workpla	ce protection, 3N	1 recommends th	at NRR be reduc	ed by 50% or in	accordance with	applicable regul	ations. See User	Instructions for m	ore information.			

**ACCESSORIES\*** 

	P3EV/2-10P	DP3E	H24M	H24T	NC2-GR	FC1-AI	FC1-GR	TCS1	H-SR-S	GR2B-10P	HIE601AF	HIE602AF	HIE603AF	X24	HL100	HL200	HL300IS
		3M 3M	0	0													
KU	XA007704712	70-0716-7718-4	70071513371	70071694460	70071694452	UU003718200	UU003718515	70071694445	70071674488	XA007704209	70071673837	70071673845	70071673852	70071513314	70071676624	70071676632	70071676640
NSI Rating		Launching in May 2017									Z87.1 2010	Z87.1 2010	Z87.1 2010				Intrinsically Safe - Class I, II, & III and Div 1 &
escription (	for 3M™ faceshield		Universal Faceshield Holder for Hard Hats	Elevated Temperature Universal Faceshield Holder for Hard Hats	Molten metal neck guard for elevated temperature applications	Elevated Temperature Aluminum Front Helmet Cover	Elevated Temperature Cotton/Para Aramide Front Helmet Cover	Terry Cloth Sweatband	Hard Hat Reflective Striping Kit	Hard Hat Front Visor Seal	Integrated Protective Eyewear Clear Anti-fog Lens	Integrated Protective Eyewear Amber Anti-fog Lens	Integrated Protective Eyewear Gray Anti-fog Lens	Elastic Chin Strap	Hard Hat 70 Lumen Task Light	Hard Hat 150 Lumen Task Light	Hard Hat 150 LumenTask Light Intrinsically Safe
ompatible /ith	H-700, H-700T	H-700, H-700T	H-700, H-700T	H-700T	Н-700Т	H24M, H24T	H24M, H24T	All 3M™ ANSI Hard Hats & Headgear: H8A, H8A-S, H18, H18-S, H10, H-700,H-800, H-700T	H-700, H-800, H-700T	H-700 (Only used with V1, V2 & V3 Faceshields)	H-700, H-800, H-700T	H-700, H-800, H-700T	H-700, H-800, H-700T	H-700, H-800, H-700T	H-700, H-800, H-700T	H-700, H-800, H-700T	H-700, H-800, H-700T

\*Not all accessories are rated for elevated temperatures For additional product ratings, see product label

For More Information
In U.S.
Technical Assistance 1-800-243-4630
Hours of Operation: 8:00 a.m. - 4:30 p.m. CST
Personal Safety Division
3M Center
Building 235-2W-70
St. Paul, MN 55144-1000

For More Information
In U.S.
Technical Assistance 2:000 a.m. - 4:30 p.m. CST
Hours of Operation: 7:00 a.m. - 5:00 p.m. CST
Internet
3M.ca/safety

In Canada
Technical Assistance
Customer Care
Internet
3M.ca/safety

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70-0716-7215-1

AWARNING

3M™ Hard Hat H-700 Series and 3M™ Hard Hat H-800 Series provide limited protection only. Misuse or failure to follow warnings and User Instructions may result in serious personal injury or death. For proper use and selection see Supervisor, User Instructions or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.

Eye and Face Products: These eye and face protection products help provide limited eye and face protection.

Misuse or failure to follow warnings and User Instructions may result in serious potential injury, including blindness or death. For proper use, selection, and applications against flying particles, optical radiation and/or splash, see supervisor read User Instructions and warnings on the package or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.

AWARNING Hearing Protection Products: CAUTION! When worn and other variables will impact performance. If your hearing noise may result in hearing loss or injury. These products seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk.

To learn more about hearing protection for impulse noise, visit

To learn more about hearing protection for impulse noise, visit

Noise Reduction Rating (NRR): ccording to the User Instructions, this hearing protector elps reduce exposure to both continuous noises, such as ndustrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained www.3M.com/hearing. 3M strongly recommends fit testing of hearing protectors. If NRR luring exposure to impulse noises. For gunfire, the weapon ype, number of rounds fired, proper selection, fit and use These hearing protectors help reduce exposure to hazardous is used to estimate typical workplace protection, 3M recommendations is used to estimate typical workplace protection, 3M recommendations in the second s noise and other loud sounds. Misuse or failure to wear that NRR be reduced by 50% or in accordance with applicable of hearing protection, proper care of hearing protection, hearing protectors at all times when exposed to hazardous regulations. See User Instructions for more information.



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