



# HEARING PROTECTION

The 4 steps in hearing protection are: 1 - Establish the sound level where the worker works. 2 - Choose the protector with the correct SNR or NNR attenuation level, not the highest. 3 - Fit hearing protector according to manufacturer's instructions. 4 - Do not remove within the noise zone

Code	Description	SNR	Packing & Price Breaks	6006 511
6006 511	<p><b>Optime Alert System</b> - Measures sound levels in workplace. The small 22cm high unit is placed 1 metre from noise source, and the green, yellow or red indicator will light up, indicating the type of hearing protector to select.</p> <p><b>Optime 1 - Low Noise Ear Muffs.</b>                      Recommended for noise levels up to 95dBA                      ? Slim Design for high comfort and continuous wear                      ? Can be worn with certain welding hoods</p>		1	 
1651 229	Optime 1 Over-the-head low profile	21	10	
1651 211	Optime 1 Behind-the-head low profile. Allows a hat to be worn	21	10	
1651 278	Optime 2 Over-the-head	25	10	
1517 059	Optime 2 Helmet - with mounting brackets for most safety caps	23	10	
1651 187	Optime 3 Over-the-head	30	10	
7151 7083	Optime 3 HiViz Over-the-head	30	10	
1651 179	Optime 3 Behind-the-head	29	10	
7151 7067	Optime 3 Helmet - with mounting brackets for most safety caps	27	10	

	<p><b>Speedglas ADF</b>                      Swedish engineered Auto Darkening Filters incorporated in welding helmet, that instantly switch from light to dark</p>
7011 20	Speedglas #100 (old SL) Welding Shield - 25% Lighter. Super lightweight welding shield, only 360g. Four settings to move closer to or further away from face to allow respirator or glasses to be worn
4081 10	3M Speedglas Utility Welding Helmet #10 Fixed shade 10 ADF lens, polyamide helmet weighing 475g
4081 11	3M Speedglas Utility Welding Helmet #11 Fixed shade 11 ADF lens, polyamide helmet weighing 475g
4418 80	Speedglas Flexview 9002X Extra large 55x107mm viewing area with side windows
4466 70	3M Speedglas Flexview Adflo 9002V Complete Speedglas welding helmet with Adflo powered respirator, air hose, airflow indicator, belt, spark arrestor, particle filter and battery charger. Standard 42x93mm viewing area with side windows.



Technical Data 3M Speedglas				
Technical Data	Speedglas #100 SL	Speedglas Utility	Speedglas Flexview 9002X	Speedglas Flexview Adflo
Code	7011 20	4081 10 (or 11)	4418 80	4466 70
Approvals Eye	EN379	EN379	EN379	EN379
Approvals Face	EN175	EN175	EN175	EN175
Switching light-dark	0.1ms	0,9 ms	0,1 ms	0.1 ms
Switching dark-light	Adj 60-500 ms	100 ms	Adj 60-500 ms	Adj 60-500 ms
Viewing area	42x93mm	42x93mm	55x107mm	42x93mm
Light state	Shade 3	Shade 3	Shade 3	Shade 3
Dark state	Shade 8-12 var	Shade 10 (or11)	Shade 9-13 var	Shade 9-13 var
Fail safe state	Shades 5-6	Shades 5-6	Shades 5-6	Shades 5-6
Solar cell	No	No	Yes	No
Battery life	1 500 hrs	2 000 hrs	3000 hours	1500 hours