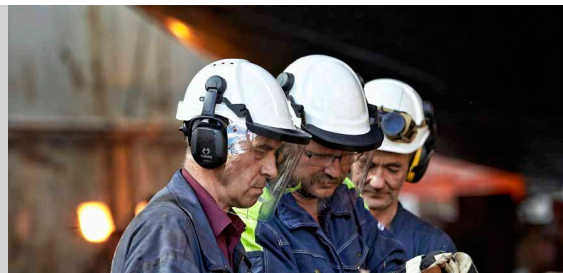


Technical datasheet

SECURE 1C, 42001-001
SECURE 2C, 42002-001
SECURE 3C, 42003-001



DESCRIPTION

The SECURE cap mounted earmuff is the ideal choice for any work that requires head and hearing protection such as; construction, forestry, heavy industry, mining, oil & gas etc. Its durable construction withstands rough environments and the slim design reduces the risk of snagging in confined areas. Available in three protection levels, clearly indicated with bright safety colors for easy identification and selection.

- Universal 30 mm euro slot adaptor
- Performance differentiated by color
- Cushions with “snap in” system
- Smooth telescopic size adjustment

APPLICATIONS

SECURE 1 is suitable for general industrial work environments. Best choice in low to medium noise levels (dB) and medium to high frequency noise.

SECURE 2 is for work environments with a medium to high noise level (dB) Best choice in high frequency noise.

SECURE 3 is the choice when nothing else will do. Best choice in low frequency noise. For extremely noisy environments such as; airport ground crew, motor racing, drill hammering etc.



TECHNICAL DATA

Weight SECURE 1C	250g
Weight SECURE 2C	271g
Weight SECURE 3C	300g

ATTENUATION DATA

SECURE 1C, EN 352-3:2002, H-27, M-23, L-16, SNR 25									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att.	15,0	15,0	14,7	24,7	33,1	26,8	32,2	34,6	
Std. dev.	4,2	3,1	2,9	2,9	3,2	2,7	2,8	3,7	
APV	10,8	11,9	11,8	21,8	29,9	24,1	29,4	30,9	

SECURE 1C, ANSI S-3.19-1974, NRR-22, CSA B									
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Att.	14.0	17.6	25.9	36.1	32.8	34.6	34.6	35.3	36.8
Std. dev.	2.5	2.0	2.7	3.5	2.7	3.3	2.5	4.0	4.3

SECURE 2C, EN 352-3:2002, H-31, M-27, L-19, SNR-29									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att.	15,0	15,0	21,0	28,1	35,3	34,0	34,0	37,3	
Std. dev.	4,1	2,6	3,1	3,5	4,0	3,8	4,5	4,4	
APV	10,9	12,4	17,9	24,6	31,3	30,2	29,5	32,9	

SECURE 2C, ANSI S-3.19-1974, NRR 24, CSA A									
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Att.	15.7	20.7	28.8	36.9	35.2	37.0	37.8	39.6	38.6
Std. dev.	2.8	2.1	3.0	2.9	3.2	3.4	2.2	2.4	2.8

SECURE 3C, EN 352-3:2002, H-32, M-29, L-21, SNR 31									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att.	16,4	17,7	23,5	31,8	41,6	36,4	34,2	35,2	
Std. dev.	4,3	3,3	4,2	3,5	3,4	3,8	3,9	5,7	
APV	12,1	14,4	19,3	28,3	38,2	32,6	30,3	29,5	

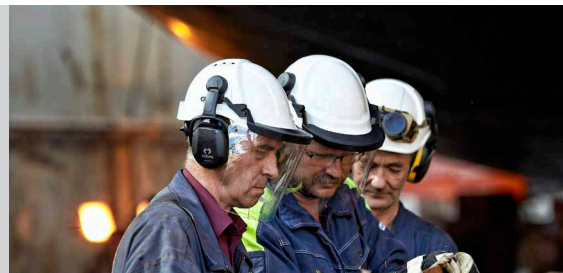
SECURE 3C, ANSI S-3.19-1974, NRR 27, CSA A									
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Att.	19.4	23.6	33.5	37.9	36.5	35.0	39.4	39.2	39.6
Std. dev.	2.9	2.1	1.9	4.3	2.1	3.3	2.8	2.6	2.4

Technical datasheet

SECURE 1C, 42001-001

SECURE 2C, 42002-001

SECURE 3C, 42003-001



MATERIAL DATA

Part	Material
1. Helmet arm	POM
2. Ear cups	ABS
3. Ear cushion	Polyeter & PVC-foil
4. Foam liner	Polyether
5. Spacer (colour ring)	ABS
6. Slot adaptor	PA 66

ORDER INFORMATION

Part no	Description
SECURE 1C	42001-001
SECURE 2C	42002-001
SECURE 3C	42003-001



ACCESSORIES

Part	Description
99400	SECURE hygiene kit 1 & 2
99401	SECURE hygiene kit 3
99900	FRESH sweat absorber
20901-001	SAFE2 standard carrier
20901-010	SAFE2 standard low peak carrier
20901-501	SAFE2 flex carrier
20901-510	SAFE2 flex low peak carrier

MAINTENANCE

Hearing protectors should be inspected prior to use for damage or deterioration. Damaged or worn parts should be replaced prior to use. The noise reduction will only be obtained if the earmuffs are in good order and worn as directed. Ear muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage. Hygiene kit/cushions should be replaced twice a year or when the cushion show signs of damage or hardening.

For better comfort there are sweat absorbers that absorbs sweat and moisture. Remember that use of absorbers over the ear cushions can reduce the hearing protector's noise attenuation properties.

WARNING

The reported attenuation will be obtained only if the protector is in good condition and worn as directed.

The sound attenuation of hearing protectors in the field may differ from from that obtained in laboratory testing due to incorrect fitting. Noise reduction will be also be adversely affected by anything that impairs the seal of the earmuff cushions against the head, such as thick spectacle frames, balaclavas etc.

The protection must always be used in noisy environments. A hearing protection with an attenuation of 30dB will only give you a protective effect of 12dB if removed 30 minutes during an 8 hour working day.