

## SC21-CF



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REUSABLE HIGH IMPULSE  
HEARING PROTECTORS

Made to measure from imprints of your ears, SC21-CF requires no batteries to protect from high impulse noise.

CUSTOM EAR MOLD

AIR & SOUND  
TUBE

UNIQUE IMPULSE FILTER  
TECHNOLOGY

CONSTANT NOISE  
REDUCTION OF 15DB

MEDICAL GRADE  
SOFT SILICONE  
EARPIECE

UNIQUE INPULSE  
FILTER TECHNOLOGY

INCREASING TO A  
MAXIMUM OF 33DB  
WHEN ACTIVATED BY  
SUDDEN HIGH NOISE



# SC21-CF

## SC21-CF SPECIFICATION SHEET

SC21-CF provides optimum protection from high levels of impulse sounds. Their small size makes them unobtrusive and comfortable to wear, fitting easily under communications headsets or earmuffs where double protection is required. Developed for military use the SC21-CF protects hearing from gunfire, artillery noise and impulse sounds from nail guns, drop hammers and riveting.

Designed to allow air to enter the ear this unique filter technology retains spatiality and sound directionality as required in hunting and combat situations. Unlike competing products this ventilation minimises the occlusion effect and reduces irritation within the ear canal, maximising user comfort so limiting the causes of inflammation and infection.

SC21-CF has undergone full environmental testing for humidity, hot and cold temperatures, 12-hour comfort and sand storms. Fully washable with water and normal detergents, suitable for all outdoor and indoor situations.

### Items Included

Carry pouch  
Wax pick  
Comfort cream  
Care and instruction leaflet

### Optional Extras

Grips to aid removal  
Cording  
Laser etching up to 10 characters



### Specifications

#### SNR (Single Number Rating):

15dB (estimated)

#### Max protection @ 166dB:

33dB

#### Weight:

3g net, 83g gross, average weight will vary according to ear size

#### Build Material:

40 Shore Medical Grade Silicone

#### Mould Type:

Canal mould

#### Standard Colour:

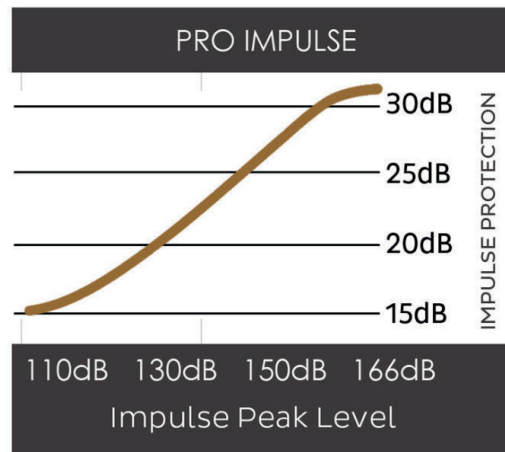
yellow



## SC21-CF

ANSI IMPULSE PEAK INSERTION LOSS (IPIL)	130 dB	150 dB	158 dB	166 dB
SC21-CF	21.3	29.3	32.3	33.1

The specification is an estimation of the performance when correctly mounted and calculated according to the following standards:  
 EN 352-2:2002 (DIN EN 352-2:2003), EN 13819-1:2002 (DIN EN 13819-1:2003), EN 13819-2:2002 (DIN EN 13819-2:2003), 150 4869-1: 1990 (DIN EN 150 4869-1:1991), 150 4869-2: 1994 (DIN EN 150 4869-2 1995), DIN EN 150 4869-2 Corrigenda: 2007, IEC 60268-1:1988, 150 8253- 2:2009 (DIN 150 8253-2:2009) & ANSI/ASA 512.42-2010



### Acoustic Specification

Minimum guaranteed damping level (dB)	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	H	M	L	SNR
SC21-CF	1	6	7	13	22	20	24	19	12	7	15

