



# SPECIFICATION SHEET

## 267-HPF200D

### METAL DETECTABLE X-EMBOSS EAR PLUGS

- Traceable metal insert and color, perfect for use in food industry
- Bright blue color makes it easier to see in production areas, and connecting cord makes it practical to wear
- Disposable polyurethane foam version has a unique cellular structure allowing a slower expansion recovery time, easier fitting and an improved acoustic seal
- "X" Emboss at the end of this plug reduces pressure at opening of ear canal for improved all day comfort and provides a grip for easy removal
- Moderate attenuation allows for safe usage that blocks out hazardous noise, yet allows warning signals and voices to be clearly understood

### APPLICATIONS

- Food
- Dairies
- Laboratories
- Canning
- Catering
- Clean room production
- Pharmaceutical

### WEARER INFORMATION

- Follow the instructions for correct fitting of ear plugs.
- Ear plugs should be worn at all times in noisy surroundings and be fitted prior to entering the noise area.
- These ear plugs are disposable, but when not in use should be kept in clean, dry condition.
- This product may be adversely affected by certain chemicals. Further information should be sought from the manufacturer.
- These ear plugs, when fitted with a connecting cord should not be used where there is a danger of the cord being caught in moving machinery.

### TECHNICAL DATA

MATERIAL	Polyurethane Foam w/ Metal Insert
COLOR	Blue
NRR	32 dB
CORD TYPE	Blue PVC
STYLE	Metal Detectable Disposable
SHAPE	Tapered w/ X-Emboss
SIZE	One size fits most
PACKAGING	1 pair per poly bag; 100 pair per dispenser box; 10 boxes per case
CASE	23.25" x 15.5" x 8.25" / 59cm x 39cm x 21cm
CASE WEIGHT	17.61 lbs / 7.99 kg
COO	Sweden

### BARCODES

ITEM	BAG	BOX	CASE
267-HPF200D	---	01616314155368	02616314155367



### INFORMATION REQUIRED BY THE EPA.

The level of noise entering a person's ear, when hearing protection is worn as directed, is closely approximated by the difference between the A-weighted environmental level and the NRR.

- EXAMPLE:**
1. The environmental noise level at the ear is 92 dB(A)
  2. The NRR is 32 decibels (dB)
  3. The level of noise entering the ear is approximately equal to 60 dB(A)

**CAUTION:** For noise environments dominated by frequencies below 500 Hz, the C-weighted environmental noise level should be used. Improper fit of this device will reduce its effectiveness in attenuating noise. Plugs should be inserted with a gentle rocking, twisting motion while opposite hand is opening ear canal by pulling top of ear. Although hearing protectors can be recommended for protection against the harmful effects of impulse noise, the Noise Reduction Rating (NRR) is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulse noise, such as gunfire.

### ATTENUATION DATA

FREQUENCY HZ	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation dB	39.9	41.8	42.3	38.2	35.6	42.1	43.9	46.8	47.1	32 dB
Standard Deviation dB	4.2	4.4	3.7	2.4	2.2	2.3	2.8	4.1	3.2	

Tested in accordance with ANSI standard S3.19-1974

Canada Class A (L)