

# Technical Datasheet

## Venus N-302

Reusable Earplugs

IS 9167



Venus N-302 Earplug			
SNR 31 dB			
Colour	Item #	Cord	Packing
Orange	110619801	Zebra Textile	Bag, Pack of 150



### Technical Specification:

Certified with IS 9167 for assured performance and reliability

- **Material:** TPE (Thermoplastic Elastomer)
- **Single Number Rating (SNR):** 31 dB
- **Design:** Multi-flange (4 flange design)
- **Colour:** Orange
- **Cord Type:** Removable Textile Cord, PVC Cord (Pharma Variant – Metal Detectable)
- **Washable:** Yes, washable without compromising hygiene or performance
- **Shape Recovery:** High recovery after washing, no swelling or distortion
- **Packaging:** Smart, convenient containers for easy access and storage

### Features & Benefits:

1. **High Attenuation & Perfect Fit:**
  - Multi-flange design and slow expansion provide a secure and comfortable fit, adapting to different ear canal sizes.
  - Immediate noise disturbance minimization, offering optimal sound protection.
2. **Adequate Protection with SNR 31:**
  - Effectively reduces hazardous noise in high-noise environments, providing an SNR of 31 dB.
3. **Comfortable & Wearer-Friendly:**
  - Soft TPE material offers ultimate comfort, making the earplugs ideal for long durations of use without discomfort.
4. **Metal Detectable Pharma Variant:**
  - PVC cord variant with metal detectability ensures quick identification in pharmaceutical and food handling environments.
5. **Washable & Reusable:**
  - Can be easily washed and reused, maintaining hygiene and reducing waste.
  - No change in performance after washing, making them a cost-effective, environmentally friendly solution.
6. **Hygienic Design:**
  - The design prevents soiling due to rolling, keeping earplugs clean.
  - Easy to keep clean, ensuring hygienic wearing without ear infections.

7. **Multi-Flange Design for Enhanced Protection:**
  - Provides a superior seal against hazardous noise, water, and other particles.
8. **Quick to Use & Insert:**
  - No waiting for rebound; earplug fits immediately, ensuring quick and efficient noise reduction.
9. **Eco-friendly:**
  - TPE material is environmentally friendly and safe for repeated use.
10. **Detachable Cord:**
  - The cord can be easily removed or reattached according to user preference.

### **User Instructions:**

- **Insertion:**
  - **Roll-Free Insertion:** Gently pull the top of the ear to open the ear canal.
  - Hold the earplug by the stem or cord (if attached), and insert the earplug into the ear canal gently, ensuring that the multi-flange design creates a comfortable and secure fit.
  - Ensure the earplug fits snugly for optimal noise reduction.
- **Removal:**
  - To remove, gently twist and pull the earplug out of the ear canal using the stem or cord.
  - Avoid pulling directly on the earplug body to prevent discomfort.
- **Cleaning:**
  - Wash the earplugs by hand using mild soap and lukewarm water.
  - Avoid using harsh chemicals or abrasive materials.
  - Let earplugs air-dry completely before storing or reusing.
- **Storage:**
  - Store earplugs in the provided container to keep them clean and protected from dust and contaminants.
- **Reattachment of Cord (if applicable):**
  - For the Pharma variant with PVC cord, ensure that the cord is securely reattached when needed.
  - The detachable cord can be adjusted or removed based on personal preference or work requirements.
- **Maintenance:**
  - Inspect earplugs for any wear or damage before each use. Discard any earplugs that show signs of deterioration.

### **Applications:**

- **Agriculture:** Tractor, harvesting machinery
- **Airport:** Aircraft marshaling
- **Cement, Ceramics & Construction:** Crushing, bagging, Material mixing, Sanding, Drilling, Cutting
- **Food & Beverages:** Material processing & handling
- **Police, Engineering & Mining:** City traffic, Sand blasting, Buffing, Cutting, Drilling, Material handling
- **Pharmaceuticals:** Material handling
- **Textiles:** Spinning, Weaving