

# Technical Datasheet

## Venus N-303

Reusable Earplugs



Venus N-303 Earplug (Item Code)			
NRR 27 dB			
Colour	Item #	Cord	Packing
Orange	110613401	Zebra Textile	Pack of 150
Orange	110613501	Zebra Textile	Container, Pack of 100
Orange	110614401	Black PVC with Metal Detectable	Bag, Pack of 150
Orange	140611701	Zebra Textile	Blister Pack of 1



### Technical Specification:

Certified with IS 9167 for assured performance and reliability

- **Material:** TPE (Thermoplastic Elastomer)
- **Noise Reduction Rating (NRR):** 27 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 AND BENEFITS

- 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.
- Adequate Protection with NRR 27:**
  - Effectively reduces hazardous noise in high-noise environments, providing an NRR of 27 dB.
- Comfortable & Wearer-Friendly:**
  - Soft TPE material offers ultimate comfort, making the earplugs ideal for long durations of use without discomfort.
- Metal Detectable Pharma Variant:**
  - PVC cord variant with metal detectability ensures quick identification in pharmaceutical and food handling environments.
- 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.
- 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