



## TECHNICAL DATA SHEET

### MODEL:SP777

### Silicon ear plug with cord (washable & Re-useable)



### Features:

- Meets BIS (IS:9167-1979) & IS:6229-1971
- Polyester Corded for convenience and to prevent loss of earplugs
- Soft , Smooth and dirt resistant surface for hygiene
- Comfortable for a wide range of ear canal sizes
- Washable with water / soap water
- Reusable up to 3 months.

### Specifications:

- **Material of Construction** : Food Grade Soft Silicone Rubber
- **Color:** Orange,
- **Cord Type:** Braided Polyester
- **Hearing Protection Style:** Press Fit
- **Packaging** : Round PP box individual
- **Shape:** Charismas tree type, three flange design.
- **Size:** One size fits most,

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**TECHNICAL DATA SHEET**

**MODEL:SP777**

**Silicon ear plug with cord (washable & Re-useable)**

**Sound Attenuation : BIS (IS : 9167-1979) & IS:6229-1971 ((Clause 6.2)**

**a) Group Frequency Sound Attenuation:**

<b>Sl.No</b>	<b>Group</b>	<b>Test frequency, Hz</b>	<b>Sound Attenuation Plugs (dB) Minimum</b>	<b>Result Sound Attenuation (dB)</b>	<b>Remarks</b>
(i)	A	125 250	25	71.86	Meets the Specification
(ii)	B	500 1000 2000 3000 4000	135	233.02	Meets the Specification
(iii)	C	6000 8000	60	116.26	Meets the Specification

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#### b) Single Frequency Sound Attenuation:

Sl.No	Test frequency, Hz	Sound Attenuation Plugs (dB) Minimum	Result Sound Attenuation(dB)	Remarks
(i)	500	20	37	Meets the Specification
(ii)	1000	25	44.70	Meets the Specification
(iii)	2000	25	46.66	Meets the Specification
(iv)	3000	25	50.46	Meets the Specification
(v)	4000	25	54.20	Meets the Specification

**Recommended Application:** Assembly and Mechanical, Chipping, Chiseling, Cleaning, Drilling, Furnace Operations, Grinding, Heavy Equipment Operations, Machining, Metal Repair, Painting, Pouring/Casting, Power Fastening, Riveting, Sanding, Sawing, Welding.

**Recommended Industry:** Agriculture; Automotive Chemicals; Construction; General Manufacturing; Healthcare; Oil & Gas; Pharmaceuticals

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