

Product Specifications

Item #IHP32/IHP932J



by Magid

Magid® E2® Hi-Viz Polyurethane Tapered Foam Earplugs

PRODUCT DESCRIPTION

Product Classification	Hearing Protection - Disposable Uncorded Earplugs
Construction/Design	Tapered foam plug design
Composition	Polyurethane foam
Standards	ANSI S3.19-1974, CSA Class AL
Color(s)	Florescent orange
Unit of Measure	Dispenser
Packaging	200 Pairs Per Dispenser, 10 Dispensers Per Case

FEATURES & BENEFITS

- Tapered earplug design fits snugly in the ear for long-lasting comfort
- Soft, non-irritating polyurethane foam material
- Noise Reduction Rating (NRR) 32 dB, CSA Class AL
- Hi-visibility orange color simplifies worker compliance checks

APPLICATIONS

Chipping, chiseling, drilling, grinding, heavy equipment operations, machining, pouring/casting, power fastening, riveting, sanding and sawing

AVAILABLE STYLES

Size	Regular	Jumbo
Style Number	IHP32	IHP932J

FUNCTIONAL PERFORMANCE

Test Method: ANSI S3.19-1974
 Manufacturer: Magid Glove
 Model: IHP32

Position: Insert
 Date: 12/20/06
 Test ID # Q1125A

FREQUENCY IN HERTZ

SUBJECT	125	250	500	1000	2000	3150	4000	6300	8000
1	31	38	37	37	44	42	43	44	43
	33	38	38	38	41	41	42	51	44
	32	37	37	37	39	42	40	50	44
2	44	43	44	39	41	52	51	49	49
	36	39	37	39	39	45	48	48	47
	36	37	36	42	39	46	49	46	49
3	38	40	42	40	36	48	47	48	51
	38	40	41	40	37	47	44	51	53
	37	39	43	40	36	47	49	48	51
4	30	33	38	37	37	49	51	48	47
	33	37	38	35	35	48	49	48	47
	30	38	37	35	33	47	49	48	48
5	36	38	36	39	35	47	47	46	47
	37	40	39	40	38	42	45	42	44
	36	38	45	41	43	46	48	46	46
6	34	37	39	40	36	39	38	38	37
	32	39	39	38	42	40	40	39	38
	36	39	38	38	38	39	37	38	36
7	45	44	46	40	41	36	43	38	47
	42	43	45	41	40	36	45	37	44
	42	41	43	40	40	38	39	37	45
8	40	43	47	48	34	41	41	41	40
	39	43	46	47	38	39	40	43	40
	39	44	46	47	39	40	40	43	40
9	38	38	40	40	36	45	44	47	44
	30	30	31	36	34	41	44	47	44
	38	38	39	40	38	40	44	47	44
10	37	37	41	37	38	47	39	45	45
	38	36	41	36	38	43	42	47	45
	39	36	40	38	36	45	45	46	45
MEANS	36.5	38.6	40.1	39.5	38.0	43.3	44.0	44.9	44.9
STD. DEV.	4.0	3.1	3.8	3.2	2.7	4.1	4.0	4.3	4.0

NRR = 32 dB

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Measurements were made according to American National Standards Institute Specifications ANSI S3.19-1974.

Center Frequency in Hz	Mean Attenuation in dB	Group Attenuation in dB	Standard Deviation in dB
125	36.5	75.1	4.0
250	38.6		3.1
500	40.1		3.8
1000	39.5		3.2
2000	38.0	205.0	2.7
3150	43.3		4.1
4000	44.0		4.0
6300	44.9	89.8	4.3
8000	44.9		4.0

SERVICE LIFE

The service life of this product will vary depending on the application and type of care administered. This product should be replaced immediately once a critical or major defect (as defined below) is noted.

Critical Defects	Holes/tears
Major Defects	Dimensional or weight nonconformance, discoloration, other fabric defects

Originator	Scott Daigle	Date	4/30/13	
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Please note: Specifications are subject to change.

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