

Product Specifications

Item #IHP32C



Magid® E2® Hi-Viz Polyurethane Tapered Foam Corded Earplugs

PRODUCT DESCRIPTION	
Product Classification	Hearing Protection - Disposable Corded Earplugs
Construction/Design	Tapered foam plug design, attached red cord
Composition	Polyurethane foam plug, PVC cord
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 • Handy attached cord increases compliance by keeping unused plugs close at hand • 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	

FUNCTIONAL PERFORMANCE

Individual and Summary Attenuation Data for Hearing Protective Devices

Test Method: ANSI S3.19-1974
Manufacturer: Magid Glove
Model: IHP32C

Position: Insert
Date: 7/15/09
Test ID #: Q1952A

FREQUENCY IN HERTZ

SUBJECT	125	250	500	1000	2000	3150	4000	6300	8000
1	35	43	48	46	44	48	50	48	47
	37	42	43	43	43	47	51	49	49
	30	37	41	39	37	50	47	46	47
2	48	49	48	46	38	52	52	52	46
	43	45	50	45	38	52	56	49	47
	39	40	44	44	39	52	52	49	48
3	39	39	36	39	39	43	48	43	45
	40	36	38	39	37	45	48	43	48
	31	39	42	33	37	37	47	44	48
4	29	37	36	36	34	38	39	47	46
	29	29	33	33	34	29	45	46	47
	30	37	39	38	36	40	45	48	46
5	31	34	35	34	35	44	41	45	45
	32	36	39	36	43	49	44	48	46
	32	32	38	36	42	43	41	46	47
6	33	40	43	39	41	47	51	51	50
	31	37	41	40	38	47	50	49	51
	31	38	44	43	39	47	52	52	49
7	35	39	36	38	43	39	45	47	45
	38	39	37	37	45	41	42	48	44
	32	35	30	35	44	41	42	46	47
8	38	37	44	39	42	47	49	45	48
	38	37	43	44	44	47	50	44	47
	39	37	44	40	41	46	43	46	48
9	35	39	41	44	41	46	47	46	46
	38	40	37	41	40	49	50	48	47
	36	38	41	39	37	42	44	46	46
10	27	36	42	43	45	48	46	55	52
	28	38	39	37	38	51	57	57	55
	34	36	35	45	40	50	56	59	55
MEANS	34.6	38.0	40.2	39.7	39.8	45.2	47.6	48.1	47.6
STD. DEV.	4.8	3.7	4.5	3.9	3.2	5.1	4.7	3.9	2.7

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	34.6	72.6	4.8
250	38.0		3.7
500	40.2		4.5
1000	39.7		3.9
2000	39.8	212.5	3.2
3150	45.2		5.1
4000	47.6		4.7
6300	48.1	95.7	3.9
8000	47.6		2.7

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 defects

Originator	Scott Daigle	Date	4/30/2013	
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Please note: Specifications are subject to change.

Neither this nor any statement made by or on behalf of Magid Glove & Safety herein is a warranty that any product is fit for a particular purpose, and Magid Glove & Safety shall not be liable to anyone with respect to this information.

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