

Product Specifications

Item #IHP100



**Magid® E2® Hi-Viz Polyurethane Flexible Foam
Uncorded Earplugs**

PRODUCT DESCRIPTION	
Product Classification	Hearing Protection - Easy-Insert Uncorded Earplugs
Construction/Design	One-Piece, Single-Construction Design
Composition	Polyurethane Flexible Foam Reaction Plug and PVC Stem
Color(s)	ANSI S3.19-1974
Size(s)	Bright Orange Plug, Bright Orange Stem
Unit of Measure	Dispenser
Packaging	100 Pairs Per Dispenser, 20 Dispensers Per Case
FEATURES & BENEFITS	
• Soft polyurethane foam plugs provide hours of comfort • Foam tips expand to fit the ear canal and deliver high NRR 27dB protection • Easy-grip PVC paddles improve hygiene and simplify insertion and removal • Hi-visibility colors simplify 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						Position: Insert			
Manufacturer Magid Glove						Date: 8/15/12			
Model: IHP100C						Test ID # Q2656A			
FREQUENCY IN HERTZ									
SUBJECT	125	250	500	1000	2000	3150	4000	6300	8000
1	31	29	34	36	39	37	29	39	45
	39	33	36	41	41	35	32	40	43
	34	30	34	40	39	37	36	39	41
2	28	29	33	36	39	39	34	41	45
	25	25	31	33	38	36	35	40	43
	24	26	31	32	39	38	34	41	42
3	37	34	41	47	43	41	34	40	51
	37	36	40	42	40	46	42	41	49
	41	31	38	43	41	37	40	51	51
4	33	30	31	31	35	40	33	39	43
	33	31	26	28	34	38	35	41	45
	36	29	30	30	35	38	36	38	44
5	38	27	33	40	35	33	36	41	41
	32	28	31	33	32	34	31	37	38
	34	32	37	35	32	32	32	41	39
6	29	27	33	36	44	38	32	44	49
	27	27	32	39	42	36	30	44	50
	28	25	31	37	44	35	31	43	50
7	36	34	40	43	40	39	35	46	47
	38	32	38	41	40	37	35	45	47
	37	33	39	43	39	38	34	45	48
8	24	24	28	35	37	35	36	36	38
	26	26	30	35	41	36	36	37	40
	27	30	33	34	37	37	37	38	39
9	27	23	28	34	38	39	40	41	43
	28	28	30	34	39	41	42	41	44
	28	29	30	36	40	42	44	44	49
10	36	34	37	39	40	36	38	36	43
	35	33	35	42	40	36	37	38	46
	36	35	37	42	39	35	35	38	45
MEANS	32.2	29.7	33.5	37.2	38.7	37.4	35.4	40.7	44.5
STD. DEV.	4.9	3.4	4.0	4.5	3.0	2.8	3.6	3.4	3.8

Manufacturer:	Magid Glove	Date:	8/15/12
Model:	IHP100C	Test ID:	Q2656A
Position:	Insert		
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	32.2	61.9	4.9
250	29.7		3.4
500	33.5		4.0
1000	37.2		4.5
2000	38.7	182.1	3.0
3150	37.4		2.8
4000	35.4		3.6
6300	40.7	85.2	3.4
8000	44.5		3.8

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1000	37.2		4.5
2000	38.7	182.1	3.0
3150	37.4		2.8
4000	35.4		3.6
6300	40.7	85.2	3.4
8000	44.5		3.8

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	Lisa Bucki	Date	02/21/13		
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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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