

Product Specifications

Item #IHP27CPH



Magid© E2® Reusable PVC Corded
Earplugs with Carrying Case

PRODUCT DESCRIPTION

Product Classification	Hearing Protection – Reusable Earplugs
Construction/Design	One piece, triple-flange design with stem and attached cord; carrying case included
Composition	100% PVC
Standards	ANSI S3.19-1974, CSA Class AL
Color(s)	Red plug, stem and cord
Unit of Measure	Dispenser
Packaging	1 Pair per sealed poly bag, 100 Pairs per Dispenser, 20 Dispensers per Case

FEATURES & BENEFITS

- Earplugs are machine washable and can be reused for increased value over time
- Soft, non-irritating PVC material provides hours of comfort
- Triple-flange tips insert easily and comfortably into the ear canal
- Noise Reduction Rating (NRR) 27 dB, CSA Class AL
- Handy attached cord increases compliance by keeping unused plugs close at hand
- Hi-visibility red color simplifies worker compliance checks
- Carrying case included to keep earplugs safe when not in use

APPLICATIONS

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

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

FUNCTIONAL PERFORMANCE

Individual and Summary Attenuation Data for Hearing Protective Devices

Test Method: ANSI S3.19-1974
Manufacturer: Magid Glove
Model: IHP 27C

Position: Insert
Date: 1/21/13
Test ID #: Q2794A

FREQUENCY IN HERTZ

SUBJECT	125	250	500	1000	2000	3150	4000	6300	8000
1	34	29	39	38	36	33	41	41	41
	29	29	38	36	36	33	37	38	42
	31	32	37	33	32	31	37	37	40
2	31	27	34	32	40	33	33	37	45
	35	27	36	35	40	37	35	38	46
	35	25	38	37	41	37	41	37	47
3	26	25	31	30	35	43	47	46	44
	27	26	34	30	34	44	47	47	45
	29	29	29	29	32	41	42	45	43
4	41	32	41	35	33	42	39	40	57
	36	27	37	44	32	39	45	45	51
	42	30	38	43	33	42	38	44	51
5	37	31	36	41	37	39	40	52	48
	38	29	37	36	40	40	45	51	46
	37	31	35	37	39	41	45	54	49
6	45	39	40	38	37	44	41	53	48
	34	30	33	32	38	48	44	50	47
	39	33	36	34	35	42	50	51	49
7	41	37	43	42	35	33	34	41	49
	41	37	45	45	36	34	33	42	48
	39	37	42	41	34	34	34	41	49
8	34	33	35	31	39	35	39	48	50
	31	28	37	33	40	37	47	47	47
	32	28	33	31	36	39	46	47	50
9	39	33	35	37	37	37	36	43	52
	36	30	37	35	39	40	40	48	54
	35	31	36	34	39	40	40	46	51
10	33	28	31	41	37	41	37	48	48
	34	33	36	44	40	43	40	48	47
	35	32	38	49	43	43	41	49	47
MEANS	35.2	30.6	36.5	36.7	36.8	38.7	40.4	45.2	47.7
STD. DEV.	4.5	3.6	3.5	5.1	3.0	4.2	4.7	4.9	3.6

NRR = 27 dB

Manufacturer: Magid Glove
Model: IHP 27C
Position: Insert
Date: 1/21/13
Test ID: Q2794A

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	35.2	65.8	4.5
250	30.6		3.6
500	36.5		3.5
1000	36.7		5.1
2000	36.8	189.2	3.0
3150	38.7		4.2
4000	40.4		4.7
6300	45.2	92.9	4.9
8000	47.7		3.6

Originator	Scott Daigle	Date	10/27/2016	
Revised By		Date		Revision #