

Product Specifications

Item #IHMRBA615



Magid® E2® Dielectric Multiple-Position Earmuff

For jobs that present intermittent sound exposure, the Magid NRR25 earmuff offers easy-to-fit, easy-to-see lightweight protection and an adjustable cushioned headband for comfort

PRODUCT DESCRIPTION	
Product Classification	Hearing Protection – Padded Earmuffs
Construction/Design	Cup-style earmuff with attached padding; adjustable headband with cushion, detachable chinstrap
Composition	Polyurethane foam filled cups; ABS polymer shell and headband, PVC cushion for headband
Color(s)	Red body, black padding and headband
Unit of Measure	Pair
Packaging	1 pair per inner pack, 40 pair per case
FEATURES & BENEFITS	
• Soft polyurethane foam around ear provides plush comfort and conforms to the ear • Adjustable, contoured ABS polymer headband and shell for impact resistance and extended service life • PVC headband cushion provides additional comfort • Black nylon chinstraps are included and can be added to the earmuffs if desired • Dielectric construction makes these earmuffs safe for use in electric environments • Ultra-lightweight for all day comfort • ANSI S3.19-1974 certified with an NRR rating of 25. For industrial use only. • For industrial use only	
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 defect (as defined below) is noted.	
Critical Defects	Cracked, broken parts

FUNCTIONAL PERFORMANCE

Individual and Summary Attenuation Data for Hearing Protective Devices

Test Method: ANSI S3.19-1974
Manufacturer: Magid Glove
Model: IHMRBA 615

Position: Over-the-head
Date: 7/2/15
Test ID # Q3684A

SUBJECT	FREQUENCY IN HERTZ								
	125	250	500	1000	2000	3150	4000	6300	8000
1	20	23	30	37	38	34	41	44	44
	16	19	31	39	36	33	42	43	42
	18	22	30	39	36	35	42	42	41
2	16	20	29	37	38	42	43	39	42
	19	20	28	41	41	37	41	40	43
	16	21	28	40	40	41	49	41	45
3	22	18	25	32	40	46	45	38	35
	15	16	25	34	38	40	42	38	37
	17	17	24	33	38	41	44	36	39
4	22	26	28	35	34	35	41	48	43
	20	18	26	36	33	33	44	41	44
	18	25	24	40	37	34	42	39	42
5	20	18	29	34	39	37	39	40	40
	23	20	28	35	39	35	41	41	42
	21	20	31	38	40	35	44	37	40
6	18	17	27	33	37	40	39	37	36
	17	16	27	33	36	40	38	34	38
	20	18	28	32	36	42	39	36	38
7	23	19	30	35	36	38	39	41	41
	19	21	27	33	36	34	41	42	42
	21	21	27	35	36	34	38	42	41
8	24	25	27	41	36	43	46	41	40
	22	21	27	38	36	44	47	35	43
	22	19	27	36	36	44	44	39	41
9	24	25	28	32	31	36	37	40	39
	24	24	28	34	33	35	37	39	40
	24	22	27	34	32	37	39	39	41
10	24	19	29	39	35	37	43	33	41
	21	20	31	39	33	38	44	33	44
	22	20	31	39	36	39	47	37	45
MEANS	20.2	20.4	27.8	36.1	36.4	38.0	41.9	39.1	41.0
STD. DEV.	2.8	2.7	1.9	2.8	2.4	3.6	3.1	3.2	2.4

NRR = 25 dB

Headband force = 2.4 lbs

Manufacturer: Magid Glove
Model: IHMRBA 615
Position: Over-the-head

Date: 7/2/15
Test ID: Q3684A

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	20.2	40.5	2.8
250	20.4		2.7
500	27.8		1.9
1000	36.1		2.8
2000	36.4	180.0	2.4
3150	38.0		3.6
4000	41.9		3.1
6300	39.1	80.1	3.2
8000	41.0		2.4

Originator	Jennifer Walrich	Date	10/14/2015	
Revised By	Kim Schultz	Date	03/31/2026	Revision # 2

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.

© Magid Glove & Safety Mfg. Co. LLC. Magid® is a registered trademark of Magid Glove & Safety Mfg. Co. LLC. All other trademarks are the property of their respective owners. This document is the property of Magid Glove & Safety and the information contained herein is proprietary to Magid.

WD