

# DATASHEET

## EARMUFFS

PROTECTION AGAINST NOISE



**Z2 6220**

**Hygiene kit 6105**

### CHARACTERISTICS

The Moldex Z2 is ideal to protect from intermittent noise - or for those who cannot achieve a safe and comfortable fit with earplugs.

All Moldex hearing products have been designed with the user in mind. High levels of comfort have been engineered into the products without compromising the optimal protection.



#### 100% PVC-Free

All Moldex products and packaging are completely free from PVC.

### CERTIFICATION

The Moldex range of hearing protection products meet the requirements of EN 352 and are CE-marked in accordance with the requirements of EU regulation (EU)2016/425.

Responsible for type examination (Module B) and monitoring of production (Module D):

IFA (0121) in St. Augustin (DE).

The products are manufactured in an ISO 9001 certified plant.

### MATERIALS

**Cup:** Polypropylene

**Cup-foam:** Polyurethane

**Cushion:** Polyurethane, TPE

**Cushion foam:** Polyurethane

**Head band:** Polyacetale

**Flexible strap:** Polyurethane

### WEIGHT

**Z2 (6220):** 259 g

### ATTENUATION DATA

The Moldex Z2 passes the EN 352 minimum attenuation requirements set out in the table below. The APV<sub>f</sub> values (M<sub>f</sub>-S<sub>f</sub>) of the ear muff must exceed the data in the table.

#### Minimum attenuation requirement (dB) EN 352

H	M	L
12	11	9

The full attenuation data tables for the Moldex earmuff "Z2" (6220) is presented below. The "Z2" can be worn in three positions. On head, behind neck or under chin in conjunction with head protection.



On head



Under chin



Behind neck

#### Z2 (6220) A - On head

Freq. (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L
M <sub>f</sub> (dB)	12.8	20.8	28.0	35.2	34.1	36.8	36.5	30.6	34.8	28.9	20.6
S <sub>f</sub> (dB)	3.7	3.0	2.9	4.2	4.2	3.2	7.1	2.4	3.6	2.2	2.9
APV <sub>f</sub> (dB)	9.1	17.8	25.1	31.0	29.9	33.6	29.4	28	31	27	18

Size: M/L

#### Z2 (6220) B - Under chin / C - Behind neck

Freq. (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L
M <sub>f</sub> (dB)	12.8	18.5	25.3	34.3	36.6	38.7	38.5	30.0	36.4	27.6	19.8
S <sub>f</sub> (dB)	3.5	2.3	2.5	4.9	4.7	4.6	4.1	2.4	3.5	2.4	2.6
APV <sub>f</sub> (dB)	9.3	16.2	22.8	29.4	31.9	34.1	34.4	28	33	25	17

Size: M/L