

4. TRANSPORTATION AND STORAGE

4.1. Headphones can be transported by any mode of transportation at ambient temperature from minus 50° to plus 50°C.

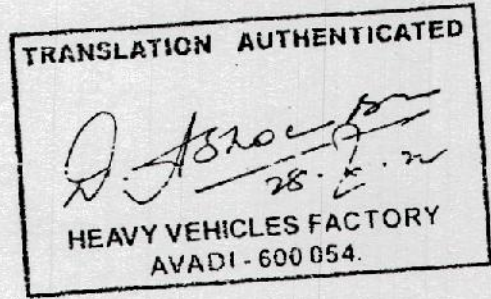
4.2. Headphones are stored in stowage in packed form at ambient temperature from 5° to 30°C, relative humidity not more than 85% and during the absence of vapours of acids and alkalis in air.

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TANK HEADPHONE-4
SUMMER AND WINTER
(TSH4-JI AND TSH4-3)
TSH4-L TSH4-Z
TECHNICAL SPECIFICATIONS
TY 17-08-229-85
EXTRACT

CONTRACT
№ PB/835606213601



**TANK HEADPHONE - 4
SUMMER AND WINTER
(ТШ4-Л AND ТШ4-3)**

TECHNICAL SPECIFICATIONS

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TANK HEADPHONE-4
summer and winter (ТШ4-Л AND ТШ4-3)
TECHNICAL SPECIFICATIONS

Present specifications deal with summer and winter headphone samples, used for communicating in armoured object with high-level acoustic noise upto 133 дБ, protections from the effect of external noises, impacts about elements of design object and climatic factors.

Headphone ensures normal communication at ambient temperature from minus 50° to plus 50°C, at high relative humidity upto 98% at temperature plus 35°C, with atmospheric pressure not less than 460 mm.Hg.scale.

Example of conventional designation of article while ordering:
summer sample - ТШ4-Л, winter sample - ТШ4-3 TY 17-08-229-88.

1. TECHNICAL REQUIREMENTS

1.1. Noise suppressing headphone should correspond to requirements of present technical specifications and set of its drawings.

1.2. Basic parameters

1.2.1. Headphones are prepared in two types (winter-on heating inner shield and summer – on satin inner shield) and in three sizes (1, 2, 3). Size number of headphone corresponds to size of head of person as per table 1.

Table 1

Size number of headphone	Size of head (cm)	Coincidence percentage of size while ordering
1	Upto 56 inclusively	30
2	57-59	50
3	60-61	20

Note: Size of head is determined with length of circumference in cm and is measured through maximum projecting point of occipital tuber from back and over the eyebrow from front.

1.2.2. Headphone in ready type should conform to dimensions, specified in table 2.

1.4. Properties

1.4.1. Weight of headphone of average size should not exceed: winter – 1050 gm., summer – 950 gm.

1.4.2. Laryngo-telephone headset containing throat microphone ЛЭМ-3, low-resistance telephones ТК-67У are mounted in headphone and should be serviceable.

1.4.3. Electrical insulation resistance of headset should not be less than 20 MOhm.

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Table 2

cm

Nomenclature and number of measurement	Size						Deviation limit
	Summer headphone			Winter headphone			
	1	2	3	1	2	3	
1. Length of middle shock-absorber from deflector to valve	32.8	34.0	35.2	33.8	35.0	36.2	±0.75
2. Length of side shock absorbers from face cut to valve	34.8	36.0	37.2	35.8	37.0	38.2	±0.75
3. Length of shock absorber	25.7	26.0	26.3	26.0	26.3	26.6	±0.75
4. Width of shock absorbers	2.1	2.1	2.1	2.1	2.1	2.1	±0.2
5. Thickness of shock absorbers	1.0	1.0	1.0	1.0	1.0	1.0	±0.2
6. Length of valve in the middle	16.0	16.0	16.0	16.5	16.5	16.5	±0.5
7. Width of valve	20.0	20.5	21.0	20.5	21.0	21.5	±0.5
8. Length of deflector in middle	13.0	13.0	13.0	13.0	13.0	13.0	±0.5
9. Thickness of deflector in the middle of oval part	1.0	1.0	1.0	1.0	1.0	1.0	±0.2
10. Width of deflector at upper part	4.5	4.5	4.5	4.5	4.5	4.5	±0.2
11. Distance between rear valve to upper regulators	15.3	16.1	16.9	16.6	17.4	18.2	±0.5
12. Size of headphone – length of internal circumference, passing along the upper edge of face cut and at distance 8 cm from the edge of occipital part of headphone	56.0	59.0	62.0	56.0	59.0	62.0	±1.0

1.6. Complete set

1.6.1. Complete set should consists of summer or winter headphones.

1.8. Packing

18.1. Upto 50 headphones, checked by production-plant are made as set as per size in percentage ratio as per table 1, naphthalene and other means to protect from moths are kept and packed in boxes.

Weight of box (gross) should not exceed 60 Kg.

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