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| **Comments on (Tittle of the Indian Standard)** : Artificial Vagina For Bovines — Specification (First Revision of IS 11800)  **From (Organization Name if any) :** National Dairy Development Board, Anand | | | | | |
| **Sl**  **No.** | **Clause No.**  **of the standard** | **Comment Type**  **(General/Editorial/Comment)** | **Commentator** | **Comment** | **Justification** |
| **1.** | **4.2 Liner** — The length and diameter of liner shall be 500 ± 20 mm and 54 ± 1 mm, respectively. | Technical | Dr. R. O. Gupta | It should be 480 ± 40 mm of instead 500 ± 20 mm. | - |
| **2.** | **4.5 Insulation Bag** — The length of the bag shall be 360 ± 10 mm. The width at base and at point of attachment shall be 160 ± 5 mm and 110 ± 5 mm, respectively. | Technical | Dr. R. O. Gupta | a) It should be 350 ± 500 mm of instead 360 ± 10 mm.  b) It should be 170 ± 15 mm of instead 160 ± 5 mm. | - |
| **3.** | **7.1** Both ends of the outer case shall be raised up to 3 mm and rounded outwards to secure the liner. The outer surface of the case shall be ribbed for better grip except for 20 mm length from both the edges. | Technical | Dr. R. O. Gupta | It should be 4 mm of instead 3 mm. | - |
| **4.** | **7.5** The insulation bag shall have inside foam padding for the whole bag for protecting the collection tube. One end shall be circular to receive the vagina and the other end shall be provided with a good quality zip chain of 150 mm length for viewing the collection tube. | Technical | Dr. R. O. Gupta | It should be 150 mm | - |
| **5.** | **7.6** The artificial vagina should have a metallic vent of non-ferrous material with a screw able air valve for adjustment of air pressure. The valve through which water is poured should be 60 ± 5 mm away from one end with a diameter of 110 ± 5 mm. The joint shall be leak-proof. | Technical | Dr. R. O. Gupta | It should be 60 ± 10 mm of instead 60 ± 5 mm. | - |