

SPECIFICATION FOR TADPOLE TAPE

1. Item name : Tadpole tape 3/8" X 2"
2. BHEL Material code : 97 053 090
3. Application : Tadpole Tapes are resilient non-absorbent gasketing tapes formed by wrapping heat resistant cores with a variety of specially treated cover materials. The edges of the covers are stitched or cemented together forming the characteristic "tail" structure. Tadpole Tapes shall provide durable, effective sealing on light metal flanges or where limited bolting force is available, in applications where packing must conform to uneven or unequal mating surface and where equipment types and designs do not permit the use of endless, resilience, and conformability. Tadpole packing shall function effectively for applications where doors and other closures rest on the bulb of the packing.
4. Cross Section & Size : Circular bulb diameter 0.375" with tail similar to a tadpole (3/8"x 2"), John Manville style 151/18.
5. Materials of Construction : Tadpole Tape consists of a knitted inconel mesh core wrapped with aluminium foil and a cover of 90 % / 94 % pure asbestos or equivalent with inconel wire reinforcement. The cover is coated with neoprene cement inside and neoprene cement with an aluminium finish outside. The tail assembly is stitched
6. Medium of Flow : Cold Air
7. Temperature of medium : 50 °C
8. Technical requirements : a. Load per linear inch to compress 40 % at room temperature: 9.8 lbs / inch
b. Recovery after 40 % compression at room temperature : 93.9%
c. Recovery after 40 % compression at a temperature of 260 °C : 74%
9. Workmanship : Shall be smooth, true to shape and finish shall be uniform
10. Packing : Sealed in sea worthy packing with a name tag, inside specifying item Name, BHEL material code and quantity
11. Inward Inspection : Verify name tags and quantity; check dimensions at random check workmanship.

PREPARED**CHECKED****APPROVED****DATE**

25/06/02

REVISIONS:

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