



**Temperature Limit**  
600 °F

**Description**

Manville 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 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 surfaces, and where equipment types and designs do not permit the use of endless gaskets or flat gasketing. Because of their softness, resilience, and conformability, Tadpole packings are especially suited for applications where doors and other closures rest on the bulb of the packing.

Manville Tadpole Tapes are easily installed by riveting, bolting, or with metal straps, providing the effect of groove packing without the necessity of a groove. They also function as high-temperature "O" Rings, held in place by the fabric tail assembly. Unlike other

gasketing materials that may harden when exposed to heat, Tadpole Tapes maintain their efficiency through prolonged high-temperature service. Available in a variety of styles, materials, and constructions, and custom-formed economically from existing inventory materials, Manville Tadpole Tapes provide reliable, long-lasting packing and sealing capabilities in all recommended applications.

**Construction**

Style AF 156-15 Tadpole Tape consists of a fiber glass twisted rope core, with a cover of fiber glass fabric, treated inside and out with a Teflon suspensoid. The tail structure is stitched.

*\*Dupont registered trademark*

Style AF 156-15 Tadpole Tapes are furnished in the following Type Designation and constructions:

A



Conventional—  
Round Bulb with Radial Tail

B



Round—  
No Tail

C



Double Tail—  
Bulb Along Center Line, Tangential Tail

D



Rectangular Bulb—  
Single Tangential Tail

E



Rectangular Bulb—  
Along Center Line, Double Tangential Tail

F



Rectangular—  
No Tail

G



Round Bulb—  
Opposing Radial Tail

H



Rectangular Bulb—  
Opposing Radial Tail

<b>Sizes</b>	3/8" bulb diameter and up
<b>Lengths</b>	3/8" thru 1 1/4" bulb—coils in multiples of 25 feet up to maximum of 150 feet Over 1 1/4" bulb—straight lengths up to 12 feet
<b>Temperatures</b>	Constant— 500 °F (maximum) Intermittent— 600 °F (maximum)
<b>Fire and Flame Resistance</b>	Withstands 2000 °F Flame Test for 15 minutes
<b>Service Conditions</b>	Corrosive service
<b>Typical Test Data</b>	
Lbs./Linear In. to Compress 40% at Room Temperature	37.5
Recovery After 40% Compression at Room Temperature	74.5%
Hot Recovery After 40% Compression	Temperature 500 °F % 65.5

The physical (or chemical) properties of Manville Tadpole Tapes represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Manville district office to assure current information.