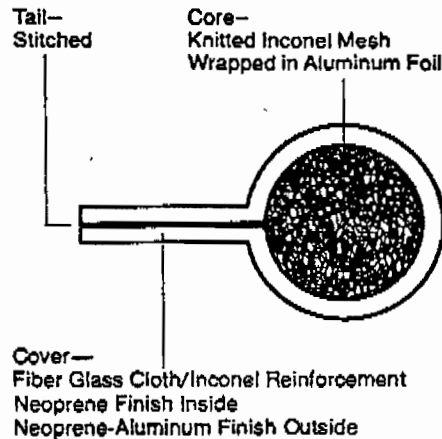


**Custom Engineered
Products****Style AF 151-18****Foil Wrapped Core
Increases Sealability****Temperature Limit**
600 °F**Description**

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 151-18 Tadpole Tape consists of a knitted inconel mesh core wrapped with aluminum foil and a cover of fiber glass with inconel wire reinforcement. The cover is coated with neoprene cement inside and neoprene cement with an aluminum finish outside. The tail assembly is stitched.

Style AF 151-18 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



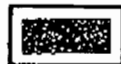
Rectangular Bulb—
Single Tangential Tail

E



Rectangular Bulb—
Along Center Line, Double Tangential Tail

F



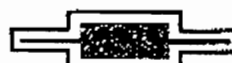
Rectangular—
No Tail

G



Round Bulb—
Opposing Radial Tail

H



Rectangular Bulb—
Opposing Radial Tail

Sizes	3/8" bulb diameter and up
Lengths	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
Temperatures	Constant— 500 °F (maximum) Intermittent— 600 °F (maximum)
Fire and Flame Resistance	Withstands 2000 °F Flame Test for 15 minutes
Service Conditions	Solvent service
Typical Test Data	
Lbs./Linear In. to Compress 40% at Room Temperature	9.8
Recovery After 40% Compression at Room Temperature	93.9%
Hot Recovery After 40% Compression	Temperature 500 °F % 74

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.