

## Data Sheet

## Viton E Heat Shrink Tubing

Data Sheet Type	Final
Material Reference	Viton E Heat Shrink Tubing
Polymer	FKM(>68% Flourine)
Date Issued	03/06/20



## Description

A heat shrinkable flexible high performance tubing manufactured from Viton E, with exceptional resistance to chemicals. The material will retain mechanical strength and flexibility following long term exposure to high temperatures.

Used for the protection of cables against contamination and high temperatures on applications in the Aerospace, marine, transport and defence industries.

Approved to VG 95-343 Part 5 Type E

Conforms to SAE-AMS-DTL [23053/12](#), IEC60684-3-233, PAN 6408L and MIL-R-46846

Specifications	Values	Test Methods
Colour	Black	None
Dielectric Strength	8 kv/mm	ASTM D2671
Elongation at Break	350 %	IEC 540
Flame Resistance	Self Extinguishing	VG 95-343-5 5.12
Low Temperature Flexibility (-55c)	Pass	ASTM D2671
Tensile Strength	14 MPA	IEC 540
Thermal Ageing (168 hours @ 250 c)	300 %	VG 95-343-5 10
Thermal Shock (4 hours @ 300c)	Pass	VG 95-343-5 5.9
Water Absorption	< 0.1 %	ASTM D570

## Purposes



Chemical Resistant



High Working Temperature



Low Working Temperature



Oil Resistance



Petrol Resistance

**Important Notes about this Material Data Sheet**

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.