

# KeHong Enterprises Co.,Ltd.

No,803, Building 16, Shiji South 1st Street, Huangpu District, Guangzhou, China.

Website: [www.khenterprise.en.alibaba.com](http://www.khenterprise.en.alibaba.com)

Mail: [lily@gzhelectric.com](mailto:lily@gzhelectric.com)

Tel:+86-20-82586869, Mobile: +861591877767

## VITON-200

### Flexible, high-temperature, solvent-resistant Viton tubing

#### 1) Application

With superior resistance to high and low temperature, fluids, solvents and corrosive chemical, VITON-200 is particularly suitable for applications that require heat resistance, such as electric and hydraulic systems near engines and fuel tanks of airplanes and vehicles, and resistance to chemical solvents. It is particularly used in applications require high temperature (200°C) resistance or in chemically exposed environments. It can be used in applications where additional protection against weather, ultraviolet radiation and ozone degradation is needed. Used for insulation and strain relief on appliances and for protection of electronic components.

#### 2) Features/Benefits

Shrink ratio: 2:1

Excellent resistance to high temperatures, fluids, solvents, corrosive chemicals and radiation.

Extreme resistance to fuels.

High flame-retardance.

Conform to European RoHS environmental directive.

#### 3) Operating Temperature Range

Operating temperature range: -65°C~200°C

Minimum shrink temperature: 150°C

Minimum full recovery temperature: 220°C

#### 4) Specifications/Standards

AMS-DTL-23053/13

#### 5) Specification values

	Property	Requirement	Test method	Typical value
Physical:	Tensile strength	8.2MPa min.	ASTM D 638	≥10.3MPa
	Elongation	250% min.	ASTM D 638	≥300%
	Heat shock 300°C, 4hrs	No cracking, dripping or flowing	ASTM D 2671	Pass
	Low temperature flexibility -65°C, 4hrs	No cracking	ASTM D 2671	Pass
	Aging 250°C, 168hrs			
	Tensile strength after aging	8.2MPa min.	ASTM D 638	≥8.2MPa

## KeHong Enterprises Co.,Ltd.

No,803, Building 16, Shiji South 1st Street, Huangpu District, Guangzhou, China.

Website: [www.khenterprise.en.alibaba.com](http://www.khenterprise.en.alibaba.com)

Mail: [lily@gzhelectric.com](mailto:lily@gzhelectric.com)

Tel:+86-20-82586869, Mobile: +8615918777767

	Elongation after aging	200% min.	ASTM D 638	≥200%
Electrical:	Dielectric voltage withstand	2500V,60sec,no breakdown	ASTM D 2671	Pass
	Dielectric strength	7.9KV/mm min.	ASTM D 2671	≥7.9KV/mm
	Volume resistivity	10 <sup>9</sup> Ω·cm min.	ASTM D 876	≥10 <sup>9</sup> Ω·cm
Chemical:	Corrosion	No corrosion	ASTM D 2671	Pass
	Flammability	Self extinguishing within 15sec	ASTM D 2671	Pass
Fluid resistance :	23°C, 24hrs (aviation and diesel fuels, hydraulic fluids, lubricating oils, etc.)			
	Tensile strength	8.2MPa min.	ASTM D 2671	≥8.2MPa
	Elongation	200% min.	ASTM D 2671	≥200%

### 6) Product sizes

mm/inch

Size	Inside diameter		Wall thickness	Standard length (m/spool)
	As supplied (min.)	After recovery (max.)	After recovery	
1/8	3.2 (0.125)	1.6 (0.062)	0.76±0.13 (0.030±0.005)	50
3/16	4.8 (0.187)	2.4 (0.093)	0.89±0.18 (0.035±0.007)	50
1/4	6.4 (0.250)	3.2 (0.125)	0.89±0.18 (0.035±0.007)	50
3/8	9.5 (0.375)	4.8 (0.187)	0.89±0.18 (0.035±0.007)	50
1/2	12.7 (0.500)	6.4 (0.250)	0.89±0.18 (0.035±0.007)	30
3/4	19.1 (0.750)	9.5 (0.375)	1.07±0.21 (0.042±0.008)	30
1	25.4 (1.000)	12.7 (0.500)	1.25±0.30 (0.049±0.011)	30
1 1/2	38.1 (1.500)	19.0 (0.750)	1.40±0.38 (0.055±0.015)	30
2	50.8 (2.000)	25.4 (1.000)	1.65±0.43 (0.055±0.017)	30

### 7) Ordering Information

#### Color

Standard: Black (-BK)

Nonstandard colors can be available upon request.

#### Nonstandard size

Nonstandard sizes are available upon request.

#### Standard packaging

On spools.

#### Ordering description

## **KeHong Enterprises Co.,Ltd.**

No,803, Building 16, Shiji South 1st Street, Huangpu District, Guangzhou, China.

Website: [www.khenterprise.en.alibaba.com](http://www.khenterprise.en.alibaba.com)

Mail: [lily@gzhelectric.com](mailto:lily@gzhelectric.com)

Tel: +86-20-82586869, Mobile: +861591877767

---

Specify product type, size (mm or inch) and color.