# Flurolis

## 200℃ Viton Heat Shrink Tubing
## 200℃ Viton热缩管

### 耐高温耐腐，柔韧防护，氟橡胶
### High Temp & Chemical Resistant, Flexible Protection, Viton Material

200℃ Viton热缩管（Flurolis-NV）采用辐照交联高性能氟橡胶制成，专为极端高温、强腐蚀和高要求的工业环境而设计。该产品能够在高温下长期保持柔韧，出色抵抗燃油、润滑油、酸碱及多种化学溶剂，有效保护线缆、线束及各类元器件，防止因高温或严苛化学介质导致的损伤。Flurolis-NV广泛应用于航空航天、汽车、化工等行业，是复杂工况下电气防护的理想选择，让您的系统在恶劣环境中依然可靠运行。

Flurolis-NV 200°C Viton heat shrink tubing is made from irradiation cross-linked premium fluoroelastomer, designed specifically for demanding applications involving extreme temperatures and aggressive chemicals. It provides lasting flexibility and robust protection for cables, harnesses, and components against high heat, fuels, lubricants, acids, and solvents. Widely used in aerospace, automotive, and chemical industries, Flurolis-NV ensures reliable performance and long-term durability, making it the optimal solution for electrical protection in the harshest environments.

## 产品特性与优势 Features and benefits

| 性能 Property | 指标要求 Requirement | 测试方法 Test Method | 典型值 Typical Data |
|---|---|---|---|
| 操作温度范围 Operating Temperature | / | / | -65°C to +200°C |
| 最低收缩温度 Min. Shrink Temperature | / | / | +150°C |
| 完全收缩温度 Full recovery temperature | / | / | +175 °C |
| 纵向收缩率 Longitudinal shrinkage | ≤10% | ASTM D 2671 | ≤5% |
| 抗张强度 Tensile strength | ≥8.2MPa | ASTM D 638 | ≥12MPa |
| 断裂伸长率 Elongation at break | ≥250% | ASTM D 638 | ≥400% |
| 老化后断裂伸长率 Elongation at break after aging | ≥200% | ASTM D 638 (180℃, 168hrs) | ≥300% |
| 热冲击 Heat Shock | 无裂痕 No Cracking | ASTM D 2671 (300℃, 4hrs) | 无裂痕 No Cracking |
| 低温柔软性 Low-temperature flexibility | 无裂痕 No Cracking | ASTM D 2671 (-55℃, 4hrs) | 无裂痕 No Cracking |
| 绝缘耐压和击穿 Dielectric voltage withstand | 无击穿 No Breakdown | ASTM D 2671 (2500V, 60s) | 无击穿 No Breakdown |
| 介电强度 Dielectric strength | ≥7.9kV/mm | ASTM D 2671 | ≥12kV/mm |
| 体积电阻率 Volume resistivity | ≥$10^9$Ω·cm | ASTM D 876 | ≥$10^9$Ω·cm |
| 腐蚀性 Corrosion | 无腐蚀 No Corrosion | ASTM D 2671 | 无腐蚀 No Corrosion |
| 阻燃性 Flammability | 15秒内自熄 Self-extinguishing within 15s | ASTM D 2671 | 通过 Pass |
| 耐液性 Fluid Resistance (23℃, 24hrs) | | | |
| 抗张强度 Tensile strength | ≥8.2MPa | ASTM D 638 | ≥12MPa |
| 断裂伸长率 Elongation at break | ≥250% | ASTM D 638 | ≥400% |

- 收缩比2:1
- 辐照交联高性能氟橡胶，耐温高达200℃
- 柔软阻燃，优异耐高低温性能
- 出色的耐油、耐溶剂、耐酸碱及耐磨损性能
- 广泛应用于航空航天、汽车、化工等严苛环境

- Shrink ratio 2:1
- Irradiation cross-linked premium fluoroelastomer, temperature resistant up to 200℃
- Very flexible and highly flame-retardant, excellent high and low temperature performance
- Exceptional resistance to fuels, oils, solvents, acids, and abrasion
- Widely used in aerospace, automotive, chemical industries

### 符合标准 Standards

- RoHS;
- REACH

### 颜色 COLOR

https://www.hzdingyuan.cn/



Website: https://www.hzdingyuan.cn/
E-mail: ace-tube@ace-tube.com

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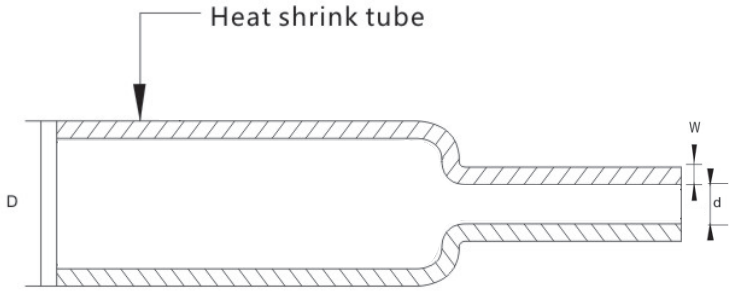


| 标准壁厚 Standard wall thickness | | | | | | |
|---|---|---|---|---|---|---|
| 收缩比 Shrink Ratio | 编号 Part No. | 规格 Size (Φ mm) | 收缩前 As supplied (mm) | 收缩后 After recovered(mm) | | 标准长度 Standard length (m) |
| | | | 最小内径 I.D. min (D) | 最大内径 I.D.max (d) | 壁厚 W.T (w) | |
| 2:1 | Flurolis-NV-2.4 | 2.4 | 2.4 | 1.2 | 0.51±0.08 | 200 |
| | Flurolis-NV-3.2 | 3.2 | 3.2 | 1.6 | 0.76±0.13 | 100 |
| | Flurolis-NV-4.8 | 4.8 | 4.8 | 2.4 | 0.89±0.18 | 50 |
| | Flurolis-NV-6.4 | 6.4 | 6.4 | 3.2 | 0.89±0.18 | 50 |
| | Flurolis-NV-9.5 | 9.5 | 9.5 | 4.8 | 0.89±0.18 | 50 |
| | Flurolis-NV-12.7 | 12.7 | 12.7 | 6.4 | 0.89±0.18 | 50 |
| | Flurolis-NV-19.1 | 19.1 | 19.1 | 9.5 | 1.07±0.21 | 30 |
| | Flurolis-NV-25.4 | 25.4 | 25.4 | 12.7 | 1.25±0.30 | 30 |
| | Flurolis-NV-38.1 | 38.1 | 38.1 | 19.1 | 1.40±0.38 | 30 |
| | Flurolis-NV-50.8 | 50.8 | 50.8 | 25.4 | 1.65±0.43 | 30 |

接受特殊尺寸及颜色定制需求，技术参数如有变更，恕不另行通知。最低订购量（MOQ）可能与包装数量有所不同。
Custom sizes and colors are available upon request. Technical specifications are subject to change without prior notice. Minimum order quantities (MOQ) may differ from standard packaging quantities.

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