

**RSFR-DR Diesel-resistant heat shrink tube**



**Description:**

**RSFR-DR Diesel-resistant heat shrink tube** is made of polymer and elastomer radiation modification, which can be used at high temperature for a long time,

It is resistant to diesel, aviation fuel, and high-temperature fluid. It can be used for the protection of military vehicles, high-speed rail trains, ship equipment, cargo and commercial cable terminals, separation joints, etc.

**Product Features/Benefits:**

- Shrink ratio 2:1
- Resistant to aviation and diesel fuels
- Offers good resistance to abrasion and physical abuse while providing the flexibility and strain relief needed in general-purpose harnessing applications
- Flame-retardant
- RoHS compliant

**Installation:**

Minimum shrink temperature: 150°C

Minimum full recovery temperature: 175°C

**Operating Temperature Range:** -75°C to 150°C

**Technical index:**

<b>Performance:</b>	<b>Index:</b>	<b>Test according:</b>
Tensile Strength	≥12MPa	ASTM D 2671
Elongation at break	≥400%	ASTM D 2671
Strength after heat aging	≥8MPa	160°C×168h
Elongation at break after heat aging	≥220%	160°C×168h
Axial change rate	-8%—+8%	ASTM D 2671
Breakdown strength	≥15kv/mm	ASTM D 2671 C
Tensile strength after solvent aging	≥10MPa	IEC 60243
Elongation at break after solvent aging	≥300%	24h (diesel 70°C, water 70°C, lubricating oil 100°C)
Flame retardant	Pass	UL 224VW-1

Thermal shock

No cracks, no drips

215°C×4h

**Specifications:(can be produced according to given specification)**

Spec(mm)	Spec(inch)	Inside Diameter as supply	Inside Diameter after shrink	Wall Thickness (mm)	Standard Package( m/set)	Tube type
ø3.2	1/8	≥3.2	≤1.6	0.76±0.15	200	Round
ø4.8	3/16	≥4.8	≤2.4	0.84±0.15	100	Round
ø6.4	1/4	≥6.4	≤3.2	0.89±0.15	100	Round
ø9.5	3/8	≥9.5	≤4.8	1.02±0.20	50	Flat
ø12.7	1/2	≥12.7	≤6.4	1.22±0.20	30	Flat
ø19.0	3/4	≥19.0	≤9.5	1.45±0.28	30	Flat
ø25.4	1	≥25.4	≤12.7	1.78±0.28	30	Flat
ø38.1	1-1/2	≥38.1	≤19.0	2.41±0.41	15	Flat
ø50.8	2	≥50.8	≤25.4	2.79±0.41	15	Flat
ø76.0	3	≥76.0	≤38.0	3.18±0.50	15	Flat

\* Customized dimensions are available on request

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