

## RSFR-DR

### Heat shrinkable, flexible, chemical and abrasion resistant tubing

#### Features:

1. Specially formulated for optimum high temperature fluid resistance, and long term heat resistance. Resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils.

2. Particularly suitable as a jacketing material for military ground vehicle cables and harnesses. It is also ideally suited for demands of motor-sports cable harnesses.

3. Operating temperature: -75 °C-150 °C;

4. Minimum shrink temperature: 150 °C

5. Minimum full recovery temperature: 175 °C



#### Dimensions

Size		AS SUPPLIED	AFTER RECOVERY	
Inch	mm	INTERNAL DIAMETER NIN (mm)	INTERNAL DIAMETER MAX mm	WALL THICKNESS NOM mm
1/8	3.2	3.2	1.6	0.76±0.15
3/16	4.8	4.8	2.4	0.84±0.15
1/4	6.4	6.4	3.2	0.89±0.15
3/8	9.5	9.5	4.8	1.02±0.20
1/2	12.7	12.7	6.4	1.22±0.20
3/4	19	19	9.5	1.45±0.28
1	25.4	25.4	12.7	1.78±0.28
1--1/2	38	38	19.0	2.41±0.41
2	51	51	25.4	2.79±0.41
3	76	76	38.0	3.18±0.50

## Technical Data

Item	Test Method	Typical data
Tensile strength(Mpa)	ASTM D638	≥ 12
Elongation (%)	ASTM D638	≥400
Heat ageing tensile strength aged(Mpa)	ISO 188(166°C/168h)	≥8
Heat ageing elongation aged(Mpa)	ISO 188(166°C/168h)	≥220
Fluid resistance strength(Mpa)	ISO 37 24hrs.(diesel 70°C,hydraulic 70°C, lubricant 100°C)	≥8
Fluid resistance elongation (%)	ISO 37 24hrs.(diesel 70°C,hydraulic 70°C, lubricant 100°C)	≥300
Shrink ratio in axial direction (%)	UL224	±10
Heat shock	4hrs/215°C	No crack and dripping
Flammability	UL224,VW-1	pass
Dielectric strength(KV/mm)	IEC 243	≥15

Shenzhen Woer Heat-Shrinkable Material Co.,Ltd.

Website: <http://en.woer.com> E-mail: [woer@woer.cn](mailto:woer@woer.cn) [woer@woer.com](mailto:woer@woer.com) Fax: +86 755 28299160