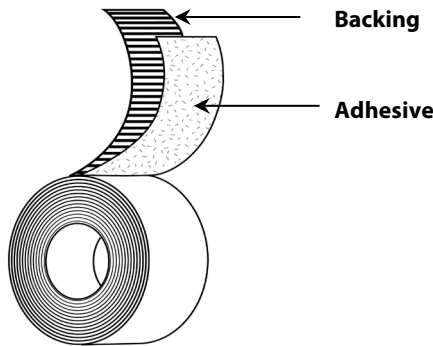


# POLYKEN<sup>®</sup>

# 518FRA

## Flame Retardant Wire Harness Tape



**Backing:** Polymeric Composite  
**Adhesive:** Black Blended Rubber  
**Temp. Resistance:** 100 °C (continuous)  
**Colors:** Black  
**Standard Sizes:** 2in x 100ft  
**Specifications:** Ford Perf. ES-AC3T-1A303-AA(B10-11)  
Delphi M-4107  
FMVSS-302  
RoHS Compliant

### Applications

- Splice protection where FR is required
- High abrasion applications
- Spot taping, clip retention, continuous wrap, splicing or patching

### Features

- Composite Backing
- Rubber Adhesive
- Flame Retardant

### Benefits

- Easy tear and application
- High tensile strength
- Non-corrosive to copper wire
- Aggressive adhesion
- Low VOC
- Meets FMVSS-302 requirements

### Typical Test Values

	Standard UOM		Metric UOM		Test Method
<b>Total Thickness</b>	9.0	mils	0.229	mm	ASTM D-1000
<b>Adhesion to Steel</b>	69	oz/in	7.55	N/cm	PSTC-1
<b>Adhesion to Backing</b>	50	oz/in	5.47	N/cm	PSTC-1
<b>Tensile Strength</b>	45	lb/in	78.75	N/cm	ASTM D-1000
<b>Unwind Force</b>	25	oz/in	2.74	N/cm	PSTC-8
<b>Elongation</b>	12%				ASTM D-1000
<b>Flame Resistance</b>	Self-Extinguishing				ISO-3795
<b>Temperature Rating</b>	100 °C				
<b>Shelf Life at 25 °C</b>	24 Months				

Recommended Storage Conditions: 40-60% Humidity, 60 °F - 80 °F

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IATF 16949  
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