



P O L Y K E N 518FR

A U T O M O T I V E T A P E S

POLYKEN® 518FR

Flame-retardant, vinyl coated wire harness tape

APPLICATIONS

- Splice-protection and water-proofing or where flame retardancy is a requirement
- Moisture vapor sealing applications
- Continuous operating temperature to 85° C
- Spot taping, clip retention, continuous wrap, splicing or patching

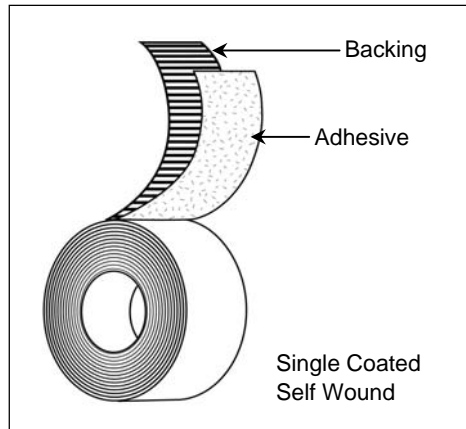
FEATURES & BENEFITS

- High tensile strength
- Low rate of water vapor transmission
- Flame-retardant, self extinguishing
- Standard roll sizes:
.5" x 100ft 1.25"x 60yd
.75" x 100ft 1.5" x 60yd
1" x 100ft
2" x 100ft

APPROVALS

- Ford ESB-M3G71-B
- Delphi-Packard (GM) ES-M-4107

CONSTRUCTION



PRODUCT DESCRIPTION

Backing:

- Vinyl coated cotton cloth

Adhesive:

- Natural rubber with flame-retardant resin

Colors:

- Black

Temperature Rating:

- 85° C continuous

TEST DATA

Test	Typical Value	Typical Value (Metric)	Test Method
Total Thickness	12.5 mils	0.32 mm	ASTM D-1000
Adhesion To Steel	44 oz./in.	.48 N/mm	PSTC-1
Adhesion To Backing	26 oz./in.	.29 N/mm	PSTC-1
Tensile Strength	45 lb./in.	7.9 N/mm	ASTM D-1000
Unwind Force	25 oz./in.	.27 N/mm	PSTC-8
Elongation	5.0 %		ASTM D-1000
Flame Resistance	Self-extinguishing		ASTM D-568
Temperature Rating	85° C		
Shelf Life @ 25° C (77° F)	6 Months		

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate. We recommend the purchaser test the fitness for use for all applications.

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REV-1/27/05

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QS-9000 Certified/ISO9001 Certified

Tyco Adhesives

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