



P O L Y K E N

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

POLYKEN® 166

Flame-retardant wire harness tape

APPLICATIONS

- Ideal for use on instrument panel and other interior automotive wiring harnesses
- Continuous operating temperature to 85° C
- Fabric content eliminates noise and squeak
- Spot taping, clip retention or continuous wrap

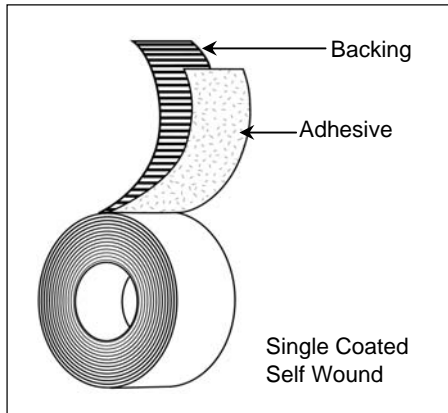
FEATURES & BENEFITS

- Easy tear and application
- Consistent unwind throughout the roll
- Low noise, low fogging
- Excellent conformability and elongation
- Lead free
- Flexible even in cold temperatures
- Flame-retardant, self extinguishing
- Resistant to typical automotive fluids
- Standard roll sizes:
 - .25" x 100ft 1.25" x 100ft
 - .5" x 100ft 2" x 100ft
 - .75" x 100ft .75" x 50ft

APPROVALS

- Ford ES-XU5T-1A303-AA (Formerly WSS-M3G177-B)

CONSTRUCTION



PRODUCT DESCRIPTION

Backing:

- Flame-retardant polymeric and fabric composite

Adhesive:

- Black natural rubber with flame-retardant resin

Colors:

- Gray & Green

Temperature Rating:

- 85° C continuous

TEST DATA

Test	Typical Value	Typical Value (Metric)	Test Method
Total Thickness	8.0 mils	0.20 mm	ASTM D-1000
Adhesion To Steel	55 oz./in.	0.602 N/mm	PSTC-1
Adhesion To Backing	35 oz./in.	0.383 N/mm	PSTC-1
Tensile Strength	18 lb./in.	3.15 N/mm	ASTM D-1000
Unwind Force	30 oz./in.	.328 N/mm	PSTC-8
Elongation	9 %		ASTM D-1000
Resistance To Typical Auto Fluids			
Room Temperature	Pass		
Elevated Temperatures	Pass		
Flame Resistance	Self-extinguishing		ISO-3795
Fog Number	Exceeds 80		SAE J1756
Temperature Rating	85° C		
Shelf Life @ 25° C (77° F)	12 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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