



**PPI Adhesive Products Limited**

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# PPI – PRODUCT INFORMATION

## PPI 8415-R GLASSCLOTH ELECTRICAL TAPE WITH THERMOSETTING POLYSILOXANE ADHESIVE HEAT CLASS H

**DESCRIPTION:**

PPI 8415-R IS A TEAR AND ABRASION RESISTANT TAPE WITH VERY HIGH TEMPERATURE RESISTANCE.

**APPLICATIONS:**

- HOLDING AND GENERAL INSULATION OF COILS AND TRANSFORMERS.
- CABLE HARNESSING AT HIGH TEMPERATURES.
- INTERPHASE INSULATION.
- HEAVY COIL BANDING.
- SLOT EDGE REINFORCEMENT.

**PHYSICAL PROPERTIES**

**EN VALUE\***

**ASTM VALUE\*\***

**TEST METHOD**

SUPPORTING BASE:	TIGHT WEAVE GLASSCLOTH	
BASE THICKNESS:	0.120 MM	4.7 MIL
TOTAL THICKNESS:	0.180 MM	7.1 MIL
ADHESIVE:	POLYSILOXANE THERMOSETTING	
ADHESIVE STRENGTH:	4.0 N/CM	36 OZ/INCH
ULTIMATE ELONGATION:	10.0 %	10.0 %
TENSILE STRENGTH:	250.0 N/CM	140 LBS/INCH
DIELECTRIC STRENGTH:	2500 VOLTS	2500 VOLTS
ELECTROLYTIC CORROSION FACTOR:	A 1.0	A 1.0
COMBUSTIBILITY:	BU 1	BU 1
ADHESIVE COATING:	SINGLE-FACED	
COLOUR:	WHITE	
HEAT CLASS:	H (TEMPERATURE RANGE UP TO 180°C)	
TEMPERATURE RANGE:	- 80°C TO 180°C	
RECOMMENDED CURING CYCLE:	1 HOUR AT 150°C OR 2 HOURS AT 130°C	
LENGTH OF ROLL:	33.0 M	36 YARDS
	66.0 M	72 YARDS

MEETS FLAME RETARDANCY REQUIREMENTS OF UL510.

\* EN 60454

\*\* ASTM D-1000

Rev.1/ 07. Apr. 15