



PPI – Product Information

PPI 9020

Self-Adhesive Conducting Tape Based on Embossed Aluminium

DESCRIPTION:

PPI 9020 is based on an embossed soft aluminium foil which is coated with a high performance electrically conductive acrylic adhesive.

APPLICATION:

PPI 9020 has a wide range of applications in the suppression of domestic appliances and electronic equipment to eliminate electrical interference.
 In the production of television sets **PPI 9020** can be applied direct to the graphite coating of the tube. The embossing of the tape is then flattened by the application of pressure to the tape and the earth lead can then be crimped to the tape.

CONSTRUCTION:



PHYSICAL PROPERTIES	EN VALUE*	ASTM VALUE**	TEST METHOD
SUPPORTING BASE:	ALUMINIUM FOIL		
BASE THICKNESS (before embossing):	0.040 MM	1.6 MIL	BS 3924
TOTAL THICKNESS (after embossing):	0.170 MM	6.8 MIL	BS 3924
ADHESIVE:	CONDUCTIVE ACRYLIC ADHESIVE		
ADHESIVE STRENGTH:	4.5 N/CM	41.0 OZ/INCH	ASTM D 1000
TENSILE STRENGTH:	25.0 N/CM	14.0 LBS/INCH	EN 60454
ELONGATION:	8.0 %	8.0 %	EN 60454
TEMPERATURE RESISTANCE:	155°C	311°F	
ELECTROLYTIC CORROSION FACTOR:	A 1.0	A 1.0	
ELECTRICAL RESISTANCE THROUGH ADHESIVE***:	0.01 – 0.05 Ω/Sq. inch		***
FLAME RETARDANCY:	UL-510		

Rev: 002/TF
 Date: 10.Dec. 15

*EN 60454 / **ASTM D-1000 / *** MIL STD 202G/F Method 307