

STEP HEATING ELEMENT™ - Patented

ETL listed, conforms to ANSI-UL 1693
 Certified to CAN/CSA C22.2 No.217
 CE Marking, conforms to EN60335-1/-2230

PRODUCT DESCRIPTION			
Copolymer Polyethylene Conductive Compound	The polymer element can be used to generate heat continuously up to 140°F (60°C) without being mechanically effected; however, it will melt above 248°F (120°C).		
PHYSICAL PROPERTIES			
Model	EP-7-2-xxW, EP-13-2-xxW, EP-23-2-xxW & EP-30-2-xxW		
Thickness	0.045" (1.2 mm)		
Width	from 3" (76.2 mm) to 12" (305 mm)		
Length	Standard box - 174 feet (53 m)		
PERFORMANCE			
Property	Test Method	Value	Unit
Tensile Strength	ASTM D-638	1,750	psi
Tensile Elongation	ASTM D-638	180	%
Melt Flow Index	ASTM D-1238		
	190°C & 10 kg	7.0	g/10 min.
	190°C & 21.6 kg	40.0	g/10 min.
Volume Resistivity	ASTM D-257	2 - 7	ohms-cm
Hardness, Instantaneous	ASTM D-2240	90A	points
Specific Gravity	ASTM D-792	1.05	sp gr 23/23°C