3M[™] PVC Electrical Tape 1710N

Description	has excellent resistance to abrasion, moisture, alka varying weather conditions. It is a PVC tape that has conformable, and provides excellent mechanical pr	lies, acids, copper corrosion and	
	3M [™] PVC Electrical Tape 1710N is a good quality general purpose PVC insulating tape. It has excellent resistance to abrasion, moisture, alkalies, acids, copper corrosion and varying weather conditions. It is a PVC tape that has a high wet dielectric strength, is conformable, and provides excellent mechanical protection with minimum bulk. This tape is an Underwriters' Laboratories Listed and Canadian Standards Association Certified "Insulating Tape."		
Agency Approvals &	UL Listed; UL 510 Standard "Insulating Tape" (product category OANZ), File E129200		
Self Certifications	CSA Certification; Standard C22.2 No. 197-M1983 "PVC Insulating Tape," File 256213		
	RoHS 2002/95/EC		
	RoHS Compliant 2002/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.		
Features	 Polyvinyl chloride (PVC) backing Pressure-sensitive rubber-based adhesive Compatible with solid dielectric cable insulations For indoor or outdoor applications 		
Applications	 Primary electrical insulation for all wire and cable joints rated up to 600 volts and 80°C Protective jacketing for high voltage cable joints and repairs Harnessing of wires and cables For indoor or outdoor applications 		
Typical Properties	ties Not for specifications. Values are typical, not to be considered minimum or Properties measured at room temperature 23°C unless otherwise stated.		
	Physical Properties	Typical Value	
	(*Test Method ASTM D1000)		
	Colors available	Black, White, Red, Blue, Green, Yellow, Yellow/Green Stripe	
	Thickness*	0.18 mm	
	Temperature Rating		
	UL 510	80°C	
	CSA C22.2 256213	0-80°C	
	Adhesion to Steel*	18 N/100 mm	
	Adhesion to Backing*	18 N/100 mm	
	Breaking Strength*	260 N/100 mm	
	Elongation*	200%	
	Flammability UL 510	Pass	

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Typical Properties				
continued	Electrical Properties	Typical Value		
	(*Test Method ASTM D-1000)			
	Dielectric Breakdown*			
	Standard condition	39.4 kV/mm (1,000 V/mil)		
	After Humidity Condition	>90% of Standard		
	Insulation Resistance*	> 10 ⁶ Megohms		
Product Specifications	3MTM DVC Electrical Tane 1710N is based	an polywinyl chloride (PVC) and/or its		
FIULUULI SPECIFICATIONS	3M [™] PVC Electrical Tape 1710N is based on polyvinyl chloride (PVC) and/or its copolymers, and has a rubber-based, pressure-sensitive adhesive. The tape shall be			
	0.18mm (7 mils) thick, and be UL Listed and marked per UL Standard 510 as "Flame-			
	Retardant."			
Installation	This tape shall be applied in half-lapped layers with sufficient tension to produce a			
	uniform covering. In most applications, this tension will reduce the tape's width to			
	approximately three quarters of its original width. Apply the tape with no tension on the			
	last wrap to prevent flagging.			
Availability	Please contact your local distributor or 3M New Zealand or 3M Australia.			
Shelf Life & Storage	This product has a two year shelf life from date of manufacture when stored in a			
5	humidity controlled storage (10°C to 27°C and $<75\%$ relative humidity).			

Important Notice	All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.
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