


Technical Data Sheet	Title: 0822 Extreme tape	 BRUCE DOUGLAS MARKETING
Effective Date: Aug 2019	Prepared By: Sam Murphy	
Issue Number: 8	Authorised By: Alistair Denny	

Product Description

Silicone rubber electrical tape is a high-temperature arc and track resistant tape composed of self fusing, inorganic silicone rubber that is easy to tear and remove from liner.

Applications

Used for Automotive, Marine, Electrical, Plumbing, insulating and general purpose applications including water hose & pipe repairs, weatherproofing electrical connections and fitting, bundling wires, boat rigging, sport & tool handles, plumbing repairs, rope ends, and emergency radiator hose repair O-Rings & seals.

Features & Benefits

Excellent arc and track resistance
 High dielectric strength
 IEC 60085 Class 180 insulator (Class "H" insulator)
 Halogen free
 Excellent conformability
 Instantaneous fusion no needs to hold in place

Technical Performance

Description	Units	Value	Test Method
Total thickness	mm	0.5mm	
Operating temp	°F	-130 to +500	Continuous
Dielectric strength	vpm	400	ASTM D149
Dielectric constant	1KH ³	2.95	ASTM D150
Dissipation factor	1KH ³	<0.0004	ASTM D150
Volume resistivity	OHMS/cm min	1 x 10	ASTM D257
Water absorption	% Max. by weight	3	FED, STD 601, method 6251
Tensile strength	PSI	700	ASTM D412
Elongation	%	300	ASTM D142


Declaration of Conformity Information

WRAS Approval 1909540 – See file for certificate

REACH SVHC Status NO SVHC present according to candidates list of the **UK 25/06/20 & EU 08/07/21**

RoHS Compliance Status – Yes

The information supplied is accurate to the best of Bruce Douglas Marketing's knowledge and is based upon all current data available to it. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Our technical advice is to be regarded as an expression of opinion only and although such advice is given in good faith, it shall not, in any circumstances, be regarded as the basis of or as being a representation or statement of fact. This applies also where propriety or protective rights of third parties are involved. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and howsoever arising. This document does not form part of any contract with a customer (02/05/13)

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Storage Details

Shelf life recommended 5 years from date of manufacture at the moderate temperature and humidity environment.

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