

Product Info

Communication-, Multipurpose- and Climate Control Cabinets | Cable Distribution Cabinets | Accessories |

TRIAX Triatan Encapsulation System

With the release of our new generation of Triatan, practical applications are no longer limited to low voltage requirements.

TRIAX offers a series of unique Triatan encapsulation/ potting products supplied as a sealed pack 'mix and apply' system, offering solutions for cable joints and repairs within communications, low and high voltage electrical networks, multimedia, telecoms, utilities etc.

Triatan products cater for applications above ground level, buried or even submerged in water - it can be also used for isolation and protection of electric and electronic parts and joints.

Triatan is a 2-component polyurethane-based potting compound. The resin or 'A' - component contains a mineral filler giving the material fire-retardent properties. It is does not contain any halogenating fire-inhibitors and is an elastic compound in hardened condition.

Overleaf we have made a cross reference list to help make the transition from the present Triatan potting systems to the new potting systems problem-free.



The system has been tested by "Underwriter Laboratories" under file no. E108835 in accordance with UL94V-0.

Technical Product Data		Test Specifications
Thermal conductivity	0.61W/m X k	ISO 8894
Heating class	B	IEC 60085
Shrinkage after hardening	1 %	-
Water absorption	0,4 % after 30 days	-
Fire approval	VO - 1,5 mm	UL94
Filament test	960°C, 3,5 mm	IEC 60695-2-1
Pot-life (250g)	35-50 min. at room temperature	-
Curing time	12-24 hours at room temperature	-
Final hardness	10-14 days at room temperature	-
Electric properties		
Breakdown strength	29kV/mm	IEC 60243-1 / VDE 0303, T12
Specific volume resistance	5 X 10 ¹³ Ω X cm	IEC 60093 / VDE 0303, T130
Specific surface resistance	2,8 X 10 ¹⁶ Ω X cm	IEC 60093 / VDE 0303, T130
Leakage current	CTI 600-0,1	IEC 60112 / VDE 0303, T11

Cross Reference List

Original article number	Product name	New article number
560511	EARTH TERMINAL TYPE U TRIATAN MOUNT.	560512
590100	JOINTS TRIATAN 28-05 T-CONNECTOR	590090
590101	JOINTS TRIATAN 28-10 T-CONNECTOR	590091
590205	JOINTS TRIATAN 18-05 I-CONNECTOR	590206
590210	JOINTS TRIATAN 18-10 I-CONNECTOR	590211
590220	JOINTS TRIATAN 18-20 I-CONNECTOR	590221
590222	JOINTS TRIATAN 18-20 I-CONNECTOR-SE**	590223
590230	JOINTS TRIATAN 18-30 I-CONNECTOR	590231
590232	JOINTS TRIATAN 18-30 I-CONNECTOR-SE**	590233
590240	JOINTS TRIATAN 18-40 I-CONNECTOR	590241
590242	JOINTS TRIATAN 18-40 I-CONNECTOR-SE**	590243
590260	JOINTS TRIATAN 18-60 I-CONNECTOR	590261
590262	JOINTS TRIATAN 18-60 I-CONNECTOR-SE**	590263
590300	POTTING SYSTEM TRIATAN 45 G.	590301
590080	POTTING SYSTEM TRIATAN 100 G.	590081
590305	POTTING SYSTEM TRIATAN 130 G.	590306
590315	POTTING SYSTEM TRIATAN 325 G.	590317
590320	POTTING SYSTEM TRIATAN 670 G.	590321
590322	POTTING SYSTEM TRIATAN 705 G.	590323
590325	POTTING SYSTEM TRIATAN 1000 G.	590327
590332	POTTING SYSTEM TRIATAN 1200 G.	590332
590334	POTTING SYSTEM TRIATAN 1285 G.	590335
590395	HARDENER 300M 5 KG.	590396

** SE designated items are products developed specifically for the Swedish market

Safety instructions for Triatan products can be downloaded from our international website at www.com

TRIAX A/S

Bjørnkærvej 3 • 8783 Hornsyld

Tel.: + 45 76 82 22 00 • Fax: + 45 76 82 23 80

Mail: triax@triax.dk • www.com



Triax - your ultimate connection