

Airfield Lighting Heat Shrink Joint Kits

RAGL

Heat Shrink Kits for Airfield ground lighting cables are used to joint single conductor 5000V non-shielded power primary cables or 2 conductors' secondary lighting circuits and transformers.

The AGL Heat Shrink Kits are made of heat-shrinkable tubing for insulating and sealing electrical connections. The heavy wall tubing and mastics in the kit are designed for a variety of low voltage cable applications where mechanical protection and waterproofing are important. The tubing is made from a thermally stabilized, modified polyolefin.

Mechanical protection: high impact and abrasion resistance of tubing provides excellent mechanical protection.

Environmental seal: sealant provides excellent waterproofing and environmental protection in submersible and buried applications.

Superior adhesion: thermoplastic adhesive will adhere to all standard plastic, elastomeric insulating material, lead, steel, aluminium and copper.

Easy to install: when heated above (120°C), the tubing shrinks rapidly to seal and encapsulate electrical connections. This provides a fast, simple and clean insulation system. The tubing will not split or rupture during normal installation, even when overheated.

Rated: 25A / 5000V and 20A / 600V



MATERIAL SPECIFICATIONS		
CHARACTERISTIC	VALUE	TEST METHOD
Dielectric Strength	20kV/mm	ASTM D – 149/IEC – 243
Dielectric Constant	5.0	ASTM D – 150
Temperature Rating	-55°C to 90°C	-
Fluid Resistance	Good	ISO 175
Water Absorption	5% (max)	ASTM D – 570

Airfield Lighting Heat Shrink Joint Kits

PRODUCT INFORMATION – RAGL Series			
REFERENCE	DESIGNATION/APPLICATION	CONDUCTOR SIZE	UNITS PER KIT
RAGL M01 (Old ref: RAGL-998 V2)	Heat Shrink Joint Kit to suit 4-6mm ² 1 core primary non-armoured cables with copper crimp connector.	2	Pack of 10
RAGL M01V	Heat Shrink Joint Kit to suit 4-6mm ² primary armoured cables with copper crimp connector & tubes with thermochromatic paint	4-6mm ²	Pack of 10
RAGL M02	Heat Shrink AGL Joint Kit to suit 10mm ² primary non armoured cable with copper crimp connector	10mm ²	Pack of 10
RAGL M03-E	Heat Shrink Joint Kit To suit 10mm ² Secondary Cable with earthing connection	2	Pack of 10
RAGL 025	Heat Shrink Joint Kit to suit 2 core 4mm ² Secondary (AGL) Cable with yellow insulated connector	4mm ²	Pack of 10
RAGL 981	Heat Shrink Joint Kit to suit 2 core 1.5-2.5mm ² Secondary (AGL) Cable with blue insulated connector	2	Pack of 10