als
AIRFIELD LIGHTING
SYSTEMS UK LTD

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

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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.	4-6mm^2	Pack of 10
RAGL M01V	Heat Shrink Joint Kit to suit 4-6mm^2 primary armoured cables with copper crimp connector & tubes with thermo-chromatic 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	10mm^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	1.5 to 2.5mm^2	Pack of 10