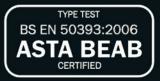
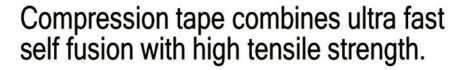
A FA COMPRESSION TAPE

A revolutionary product that is changing the way industry insulates electrical connections and repairs leaking pipes.







- water tight electrical cable jointing and termination (BS EN 50393:2006)
- leaking pipe repair without reducing the pressure or turning off the flow
- high voltage insulation
- highly UV resistant
- exceptional lifespan even when buried or submersed
- functions in low or high temperatures
- non-toxic, safe for use in direct contact with drinking water
- easily applied, instant repair
- environmentally responsible, replacing hazardous materials
- saves time and money













LLFA® Compression Tape can be used as a stand alone product. It seals when applied with "maximum stretch", and gives mechanical protection when applied with "minimum stretch".

Fusion

With LLFA® Compression Tape fusion is almost instantaneous. This is an important factor when splicing or protecting a connection that is subject to high humidity or even submergence.

Electrical insulation

Straight and branch joints spliced with LLFA®, from the smallest to the biggest cable size, have undergone European standard testing to BS EN 50393:2006. This jointing method has successfully met all the requirements of the standard to make it the first compression tape jointing solution available in the EU.

Instant leak repair

LLFA® Compression Tape is used to repair leaking pipes without turning off the flow. A punctured hose or pipe tightly wrapped with LLFA® Compression Tape will immediately withstand internal pressure. The pressure will not push between the "fusing layers" because the fusion takes place so quickly (even when wet).

Abrasion resistance

LLFA® Compression Tape, due to its unique formulation and manufacturing process, is resistant to abrasion and split propagation. Applying a final layer with minimum tension will increase abrasion resistance.

Temperature stability

Other products decrease or lose adhesion in extreme cold or humid conditions. LLFA® Compression Tape as a "CLASS H" material will continue to perform at these temperatures. LLFA® does not have to be kept warm in the cold or vice versa.

Environmentally responsible

LLFA® Compression Tape is environmentally friendly and is replacing solutions that are hazardous. LLFA® Compression Tape is also classed as normal waste, and is approved by the Water Regulations Advisory Scheme for use in direct contact with drinking water, both hot and cold.



LLFA® 40 PN: R1-5-8A Width: 25.4mm (1 inch) Length: 10.91m (12 yards) Thickness: 1mm (0.04in)

LLFA 40 Black

To Order: RS Stock No: LLFA 40 Red 461-896

LLFA 40 also available in 1m packs
Red 461-880
Black 461-884



Dielectric Strength LLFA®40 = 16,000V per 1mm

Tensile Strength > 1200 PSI throughout temperature range.

Breaking Strength > 15 lbs
Tear Resistance > 125 PSI
Water Absorption << 0.5%

Temperature Range -90°C through to 260°C

Elongation > 325%

Track Resistance Non conductive surface
UV Resistance Highly UV resistant.
Ozone Resistance Highly ozone resistant.

Durometer Hardness 55 - 65

Adhesion (Fusion) Standard requirement: "Tape shall not unwind more than 1.0 inch after 3 minutes with an attached load of 600g." Result: LLFA® Tape < 1inch

Acids and Alkaline No negative effect from brief exposure to acids and alkaline and can withstand submersion up to 3 days.

Self Extinguishing UL standard 94 rating V-0. Tested to IEEE383 and IEEE1212 for flammability - self extinguishes and will not propagate a flame.

Smoke Toxicity NF X 70 - 100: 2006 test results indicate a C.I.T. value of 5.20. BS6853: 1999: Annex B test results indicate an R-value of 0.37.

Water Safety BS6920 results indicate that LLFA® Tape is suitable for use in direct contact with drinking water up to 85°C. (WRAS Approved)

Standard Compliance BS EN50393:2006, BS6920, ASTM D2240, A-A-59163, ASTM D-149, ASTM D-412, MIL-I-46852, ASTM D2148, ASTM D3767 (LLFA® specifications meet other international standards not included in this list.)



LLFA® Smooth
PN: R1-5-8C-S
Box Contains: >113 grams
Texture: Putty like compound used for filling voids.

RS Stock No: LLFA smooth 461-874

(Red only)



461-890