



Duoflux RoHS

LEAD-FREE CONNECTING, SOLDERING, ISOLATING AND SEALING TWO CONDUCTORS

- ✓ Watertight connection of both flexible and rigid conductors.
- ✓ Transparent insulation allows visual control of the connection.
- ✓ Resistant to temperatures from -60°C to +130°C.

Technical Info

- External wall: radiation cross-linked modified polyolefin.
- Solder rings: Sn42 Bi58 per ANSI/J-STD-006 with activated flux.
- Sealing rings: thermally stabilized thermoplastic.
- Voltage loss: < 0,002 V.
- Connection resistance: < 0,004 Ohm.
- Insulation resistanc : > 10 Giga Ohm.
- Installation temperature: 138°C.
- Temperature resistance: -55°C to +125°C.
- Breakdown voltage: > 600V.
- Degree of protection against humidity: IP 68, stays usable in water.
- Shelf life: 60 months, keep dry, cool and frost-proof.

Packing

Duoflux RoHS - 0,2mm - 0,7mm - clear - 100pcs	830311000
Duoflux RoHS - 0,5mm - 1mm - red - 100pcs	830321000
Duoflux RoHS - 1,5mm - 2,5mm - blue - 100pcs	830331000

Product [DUX R]

Characteristics

Consists of a heat-shrinkable polymeric sleeve containing two solder rings with an incorporated flux and two thermoplastic sealing rings.

For electrical connections, which require high quality, reliability, long life span and water tightness.

Requires no special tools for installation.

Can be applied on both twisted (flexible) and solid (rigid) conductors, suitable for copper as well as tinned wires, whether combined or not.

Use

Use a heat source such as the Novatio Multi torch or a hot air blower (set at + 350°C and equipped with a deflector).

Introduce the wires and press the solder rings to hold the Duoflux in place.

Heat the Duoflux at the solder rings' level until they are evenly flowing and then heat the ends so that the coloured rings insulate and seal perfectly.

Allow it to cool completely without moving.

Wire diameter:

Clear: from 0,2 mm to 0,7 mm

Red: from 0,5 mm to 1,0 mm
Blue: from 1,5 mm to 2,5 mm
Yellow: from 3,0 mm to 6,0 mm

