



## FLE

## Flexcon

### MULTI USE WIRE CONNECTOR

- Soldering - sealing - connecting in one application
- Connecting wire to component terminals
- Can be installed quickly and easily with lighter or heat gun
- Waterproof connection
- Transparent insulation sleeve provides encapsulation, inspect, stain relief and insulation
- Resistant to temperatures from -55°C to +130°C.
- Shrinkable kynar sheath: flame-retardant, remains flexible, high insulation power
- Pre-fluxed solder provides: no voltage loss, solid connection, perfectly smooth flow
- Sealing ring with thermoplastic adhesive seals completely



### GENERAL INFORMATION

FLEXCON has been developed and designed for electrical connections, which require high quality, reliability, long life span and water tightness. FLEXCON consist of a highest quality heat-shrinkable kynar sleeve, containing two pre-fluxed solder rings and thermoplastic sealing rings.

FLEXCON is very easy to install and the quality of the connection can be visually checked because of the transparency of the connector. FLEXCON comes in different sizes (see product references) and can be applied for twisted and solid cables in a diameters from 0,25 mm<sup>2</sup> to 6,0 mm<sup>2</sup>.

### TECHNICAL INFORMATION

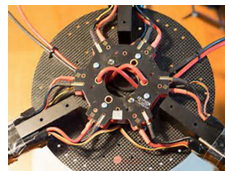
External wall: flame-retardant kynar polymer.  
Shrink ratio: 2 / 1  
Tensile strength NAS175: >4,5 N than outgoing line  
Corrosion resistance (35° 96 hrs, 5 % NaCl): ≤2,5 MV  
Sealing rings: thermally stabilized thermoplastic  
Protection Type IEC 60529: IP 67  
Voltage loss NAS1745: < 2 mV.

Installation temperature: 80°C - 120°C  
Volume resistivity (Ω cm): ≥ 10<sup>15</sup>  
Dielectric strength ASTM D2671 (kV/mm): ≥ 32  
Temperature resistance: -55°C to +150°C.  
Voltage resistant: > 600V

### APPLICATION AND USE

- Use:
  - Connection wire to component terminals
  - Industrial maintenance service
  - Garages and car body workshops
  - Repair of tools and machines
  - Horticulture and exterior lighting
  - Sign posting, neon signs
  - Ship building and ship repair
  - Installation of car radios and alarm systems
  - Installation of towing hooks
  - Truck and bus construction
  - Agriculture contractors, farmers
  - Building industry
  - Pleasure crafts and outboard motors
  - Motorcycles
  - Electrical installation and maintenance
- Application:
  - Choose right size of connector, apply wire from both sides until they overlap at the position of the lead core.
  - Press lead ring for a short mechanic fixing.
  - Apply heat by heat gun or lighter.
  - Start from the lead core and move to the outside, remain until the lead is melted and the connection is completed.

Article nr	Name	Content	Section
X845001	Flexcon clear 0,4 - 1,7 mm	1 pc.	ELECTRICAL CONNECTIONS
X845002	Flexcon red 1,2 - 2,7 mm	1 pc.	ELECTRICAL CONNECTIONS
X845003	Flexcon blue 1,8 - 4,5 mm	1 pc.	ELECTRICAL CONNECTIONS
X845004	Flexcon yellow 2,8 - 6,0 mm	1 pc.	ELECTRICAL CONNECTIONS



### NOTICE

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