



TOX

Topflex

MULTI USE WIRE END CONNECTOR

- Soldering - sealing - connecting in one application
- Connecting flexible and rigid conductors
- 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 +150°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.



NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Xintex is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Xintex products provide, relates only to the standard conditions of sale of this product. In no case Xintex can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

GENERAL INFORMATION

TOPFLEX has been developed and designed for electrical termination of multiple-wire combinations, which require high quality, reliability, long life span and water tightness. TOPFLEX consist of a highest quality heat-shrinkable Kynar sleeve, containing a spiral wound copper cone, pre fluxed solder ring and a thermoplastic sealing ring.

TOPFLEX is very easy to install and the quality of the connection can be visually checked because of the transparency of the connector. TOPFLEX comes in different sizes (see product references) and can be applied for twisted and solid cables in a diameters from 0,7 mm - 12,0 mm.

Technical Information

External wall: flame-retardant kynar polymer.
Shrink ratio: 2 / 1
Upper sealing: Ceramic ball - colour coded
Tensile strength NAS175: >4,5 N than outgoing line
Cossion resistance (35° 96 hrs, 5 % NaCl): ≤2,5MV
Sealing rings: thermally stabilized thermoplastic
Protection Type IEC 60529: IP 67

Voltage loss NAS1745: < 2MV
Installation temperature: 80°C - 120°C
Volume resistivity (Ω cm): ≥ 10¹⁵
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
- electrical installation and maintenance services
- 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

- Application:
- Choose right size of connector, apply twisted wires from bottom until they have reached the position of the spiral wound copper cone. Apply heat by heat gun or lighter. Start from the lead core and move to the outside insulation, remain until the lead is melted and the connection is completed.

Article nr	Name	Content	Shelf Life	Catalog
X830210	Topflex green 0,7 - 2,4 mm	1 pc.	-	ELECTRICAL CONNECTIONS
X830220	Topflex red 2 - 4 mm	1 pc.	-	ELECTRICAL CONNECTIONS
X830230	Topflex blue 3,5 - 8 mm	1 pc.	-	ELECTRICAL CONNECTIONS
X830240	Topflex yellow 7,5 - 12 mm	1 pc.	-	ELECTRICAL CONNECTIONS



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