



Tough Technology Products
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TTP
 Leading Edge Technology



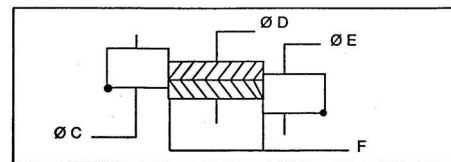
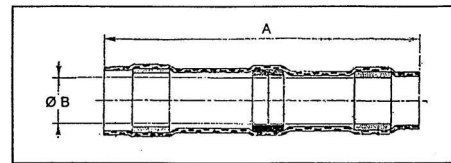
Flame Retardant Kynar Sheath
 Superb Cappilliary Action
 Zero Voltage Lost

The fastest and simplest method for making professional connections

SOLDER SHRINK

Technical Info

External wall : radiation cross-linked modified polyolefin
 Solder rings : 2 rings Cd 18, Sn 51, pb 32 % with activated flux
 Sealing rings : thermally stabilized thermoplastic
 Voltage loss : < 0,002 V
 Connection resistance : < 0,004 Ohm
 Insulation resistance : > 10 9 Ohm
 Installation temperature : 180°C
 Temperature resistance : -60°C to +130°C
 Breakdown voltage : > 600V



Packaging

Transparent Article number SSK0003 **Red** Article number SSK0004
Blue Article number SSK0005 **Yellow** Article number SSK0006

Packsizes 50

Description

SolderShrink consist of a heat-shrinkable polymeric sleeve containing two solder rings with an incorporated flux and two thermoplastic sealing rings.
SolderShrink has been developed especially for making electrical connections, which require high quality, reliability, long life span and water tightness.
SolderShrink is very easy to install, the quality of the connection can be visually checked and it requires no special tools.
SolderShrink comes in four sizes, coded by the international colour code system, and suitable for the most frequent cable diameters.
SolderShrink can be applied on both twisted (flexible) and solid (rigid) conductors, suitable for copper as well as tinned wires, whether combined or not.

Sizes & Cable Preperation

	A maxi	A mini	Ø B mini	Ø C maxi	Ø D maxi	Ø D mini	Ø E maxi	F
Transparent	21	25	1,8	1,8	1,8	1	1,8	4 to 8
Red	31	26	2,2	2,2	2,2	1,5	2,2	10 to 12
Blue	36	30	4,2	4,2	4,2	2	4,2	10 to 13
Yellow	42	36	6,7	6,7	6,7	3,4	6,7	10 to 14

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Applications

ABS Modulator wire

Wheel Sensor cables
ABS Modulator Cables
Wiring to reversing camera
All exposed wiring for rear lights, sensors, flashing beacons - where connections need to withstand moisture ingress†
Connection of the resistors in the tank of asphaltting machines
Ideal for connections on all vibrating machinery where connections need to withstand vibration

Used in conjunction with standard sliding clamps, plate clamps & ring clamps.
Shorten SSK on one side and slide over standard clamp end and heat as normal to produce soldered & waterproof connection.

Any machinery exposed to salt e.g. road gritters

AutomotiveWire connectors

Tow bar connections
Connections on air bags
Connections on oxygen sensors
All external wiring around engine compartment
Installation of car radios & alarms
Wiring on motorcycles
Pleasure craft & outboard motors

GeneralWire connectors

Alarm Installations
Mounting of thermal sensors
Connection of diode
All external wiring exposed to the elements
Sign posting / neon signs
Horticulture / Exterior lighting

Instructions For use

1. Switch on the hot air blower and adjust to 350°C. Use a standard hot air blower, but it is recommended to provide the tool with a deflector to ensure that the SolderShrink is equally heated all around.
2. Insert the conductors into the SolderShrink and squeeze the solder rings in order to keep the solder in place.
3. Heat the SolderShrink on the solder rings until they flow completely. Then shrink the insulation, until the sealing rings flow well.
4. Let cool off without moving, check the connections for good solder flow and for water tightness.

Disclaimer

All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Tough Technology Products makes no warranties

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