

Solder Termination Sleeve FTLV

FTLV NT/HT

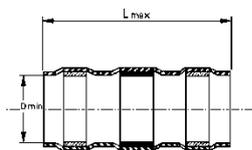
Shrinking solder joints with internal solder ring and thermoplastic sealing rings.

Application:

Reliable insulated electrical solder connection in one single operation, reproducible quality and inspectability. Low shrink temperature enables application on temperature sensitive insulation (e.g. PVC). Used for shield termination and wire splicing.

Continuous operating temperature: FTLV NT: -55°C up to +105°C / FTLV HT: -55°C up to +150°C

Shrinking temperature: Min. +115°C



Description	Inner diameter D (mm)		Length L (mm)
	As supplied	Fully recovered	
FTLV-1	2,4	0,9	15,8
FTLV-2	3,2	1,4	15,8
FTLV-3	5,0	2,5	15,8
FTLV-4	6,3	3,2	19,0
FTLV-5	7,6	4,0	19,0
FTLV-6	11,7	5,7	28,0
FTLV-7	13,8	6,0	28,0

Spezial sizes on request

Packaging: Plastic bags of 100 pcs. respectively 200 pcs.

Ordering description: 200 pcs. FTLV-NT X

Please advise if you would like to order solder sleeves for low temperatures (NT) or for high temperatures (HT)

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Properties

Typical value

Mechanical	Tensile strength	6,7 MPa min.
Thermal	Flammability	Self extinguishing
Electrical	Dielectrical strength	2 kV/mm min.
Chemical	Copper corrosion (16 Std. at 121°C)	Non-corrosive

Processing instructions:

Processing of the solder termination sleeves should be carried out with hot air equipment (e.g. HG 2520 E, HG 2620 E). To ensure proper heating we recommend reflectors (e.g. Soldering reflector nozzle (EAN 4007841 011871) for solder joints up to 9mm diameter). The soldering connector is positioned above the point to be soldered and heated by hot air. As a result, the insulation shrinks onto the conductor diameter and the solder tin flows.

Please do not hesitate to contact us for further information.