



Brands, Strands & Flexible Connectors

Mettex Electric Co. Ltd. Thorpe Way, Banbury, OX16 4SP



DECLARATION OF CONFORMITY

PRODUCTS woven wire including connectors, flexible bus bars, mechanical braided products, and special cables in copper, aluminium, galvanized steel, stainless steel.

FIRST MANUFACTURE DATE 1973

DESCRIPTION Product information can be found in **Appendix A: Products**

I hereby certify that the products described above comply with the requirements of the following UK Statutory Instruments

Electrical Equipment (Safety) Regulations 2016 SI 2016-1101 as amended.

Electromagnetic Compatibility Regulations 2016 SI 2016-1091 as amended.

The Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 SI 2012-3032

The Waste Electrical and Electronic Equipment Regulations 2013 SI 2013-3113



Brails, Strands & Flexible Connectors

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UK Standards and other standards applied to this equipment are:

BS EN 13602:2013 -Copper and copper alloys. Drawn, round copper wire for the manufacture of electrical conductors.

BS EN 12449:2016+A1-2019 Copper and copper alloys. Seamless, round tubes for general purposes

BS EN IEC 61238-1-1:2019 Compression and mechanical connectors for power cables

BS EN 60228:2005 Conductors of insulated cables

BS EN 2591-417:2001 Elements of electrical and optical connection. Test methods. Tensile strength (crimped connection)

BS EN 2591-217:2002 - Elements of electrical and optical connection. Test methods

IPC-WHMA-A-620E:2022 Requirements and Acceptance for Cable and Wire Harness Assemblies

BS 3G 230:2000 - General requirements for aircraft electrical cables (second series)

BS 3G 231:1997 - Conductors for general purpose aircraft electrical cables and aerospace applications

BS EN 50581:2012 Technical documentation for the assessment of electric and electronic products with the respect to the restriction of hazardous substances

Signed For and on behalf of the Manufacturer.

Signed for and on behalf of: Mettex Electric Co Ltd

Place of Issue: Banbury, Oxfordshire

Date of Issued: 26/01/2023

Name: Keith Ridley

Position: Managing Director

Signature: 

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Appendix A: Products

ASB: Aluminium Stocking Braid
ASO: Aramid Sleeve
BSA: Aluminium Strand
BSF: Bronze Sleeving Braid on Former
BSN: Nickel Strand
BSP: Circular Plain Cord
BST: Circular TND CU Cord
CCB: Circular Connector Beryllium
CCN: Circular Connector Nickel
CCO: Circular Connector Plain OFHC Strand
CCP: Circular Connector Plain
CCS: Circular Connector Stainless Steel
CCT: Circular Connector Tinned
FBA: Flat Braid Aluminium
FBB: Flat Braid Beryllium/Phos Bronze
FBE: Flat Braid using free issue Enamelled Wire
FBG: Flat Braid Galvanised Steel
FBI: Flat Braid Inconel
FBM: Flat Braid Monel
FBN: Flat Braid Nickel
FBO: Flat OFHC TND CU Braid
FBP: Flat Braid Plain
FBS: Flat Braid Stainless Steel
FBT: Flat Braid Tinned
FCA: Flat Connector Aluminium
FCG: Flat Connector Galvanised Steel
FCN: Flat Connector Nickel
FCO: Flat Braid ASSY OFHC
FCP: Flat Connector Plain
FCS: Flat Connector Stainless Steel
FCT: Flat Connector Tinned
GSB: Galvanised Steel Stocking Braid
GSF: Galvanised Steel Sleeving Braid on Former
GSO: Galvanised Steel Sleeving Braid off Former
KIT: Braid Kits
KMG: Knit Mesh Galvanised Steel
KMN: Knit Mesh Nickel
KMP: Knit Mesh Plain
KMS: Knit Mesh Stainless Steel



Braids, Strands & Flexible Connectors

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Appendix A: Products cont.

KMT: Knit Mesh Tinned
NPT: Nickle Plated
NSF: Nickel Sleeving Braid on Former
NSO: Nickel Sleeving Braid off Former
OBA: Over-Braid with Aramid Yarn
OBB: Over-Braid Phos Bronze
OBG: Over-Braid Galvanised Steel
OBH: Over-Braid Harness
OBI: Over-Braid with free issue Yarn
OBN: Over-Braid Nickel
OBP: Over-Braid Plain
OBS: Over-Braid Stainless Steel
OBT: Over-Braid Tinned
OBX: Over-Braid Harness with PTFE
PCB: Plain Copper Bar
PCT: Plain Copper Tape
PSF: Plain Copper Sleeving
RBB: Round Braid Beryllium
RBN: Round Braid Nickel
RBP: Round Braid Plain
RBS: Round Braid Stainless Steel
RBT: Round Braid Tinned
SAO: Stainless Steel 321 with Aramid Sleeve
SFB: Flat Tinned Braid with G/Y Sleeve
SIL: Flat Silver-Plated Braid
SSB: Stainless Steel Stocking Braid
SSF: Stainless Steel Sleeving Braid on Former
SSO: Stainless Steel Sleeving Braid off Former
STB: Beryllium Strand
STE: Enamelled CU Strand
STN: Nickel Strand
STO: OFHC Plain Copper Strand
STP: Plain Strand
STS: Stainless Steel Strand
STT: Tinned Strand
TSB: Tinned Stocking Braid
TSF: Tinned Sleeving Braid on Former
TSO: Tinned Sleeving Braid off Former
WBC: Water block Connector Tinned