Special Cables

Wrappings:

Foils: PTFE, polyester, aluminium, laminated

aluminium, copper and Kapton®Tapes: glass fibre, mica, fleece Screening materials: • Cu bare, tp, sp, np,

braids and servings

 Wrappings with various foil materials (No stock item)



Conductor materials:

Cu bare, tp, sp, np, pure nickel, thermocouple and compensating materials as well as special alloys

Conductor cross sections:

0,08 up to 500 mm² resp. AWG 32 to AWG 0000

Twisting:

2 to 120 cores in layers resp. pair twisting

Insulation materials:

- Fluoropolymers: PTFE, FEP, ETFE, PFA, MFA, PVDF, ECTFE
- Silicone rubber: standard compounds as well as compounds acc. to customer requirements
- Elastomers: EPDM, EVM
- Thermoplastic elastomers: TPE-E, -S, -V
- Special thermoplastics: PEI, PEEK, PEI/SIR
- Thermoplastics: LDPE, HDPE, PP, PA
- Inorganic materials: glass fibre, mica, ceramic fibre
- Organic materials: Kevlar®

Inner sheath materials:

- Fluoropolymers: PTFE, FEP, ETFE, PFA, MFA, PVDF, ECTFE, Teflon®, Tefzel®
- Silicone rubber: standard compounds as well as compounds acc. to customer requirements
- Elastomers: EPDM, EVM
- Thermoplastic elastomers: TPE-E, -S, -V
- Special thermoplastics: PEI, PEEK, PEI/SIR
- Thermoplastics: LDPE, HDPE, PP, PA
- Inorganic materials: glass fibre, mica, ceramic fibre,
- Organic materials: Kevlar®

Sheath materials:

- Fluoropolymers: PTFE, FEP, ETFE, PFA, MFA, PVDF, ECTFE
- Silicone rubber: standard compounds as well as compounds for customer specific applications
- Elastomers: EPDM, EVM, ACM, HNBR, CSM, FPM, CR, CM, XVH
- Thermoplastic elastomers: TPE-E, -O, -S, -U, -V
- Thermoplastics: PVC, LDPE, HDPE, PP, PA
- Inorganic materials: glass fibre, mica, ceramic fibre
- Organic materials: Kevlar

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Armourings:

Galvanized steel wire or stainless steel wire braids

Applications:

Automotive, lighting, chemical industry, EMC optimized data transfer, energy transfer, domestic appliances, highest and lowest temperatures, high frequency technology, refrigeration technology, leakage monitoring, aerospace, medical equipment, petro chemistry, robotics, sensory analysis, temperature measuring technology, traffic technology, ship building industry etc.