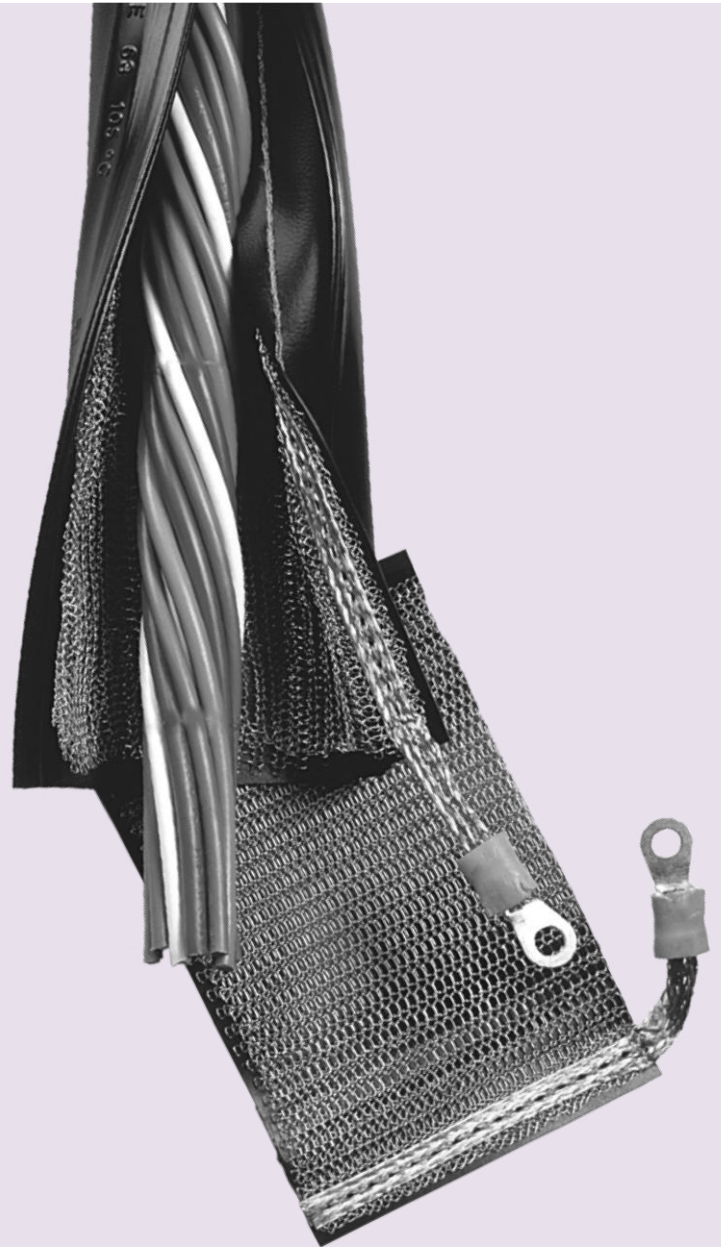


E.M.I.-Shielding

Wherever there's an electrical current flow, there are electro-magnetic interferences (E.M.I.), also called electric smog. Sensitive devices, cables and components have to be protected from this. Another aim is the reduction of electro-magnetic radiation emitted by the devices themselves. Zipper-Technik offers a wide range of products for efficient and safe E.M.I. shielding. Metallic or metalized fabrics, conductive aluminum foils or composite foils with metal coating are the materials we use to develop our shieldings. Starting from affordable adhesive shielding tapes all the way to high-quality tubes and coatings. They all fulfill the most demanding requirements – after all, we can rely on more than 20 years' experience in this field. We simply make professional E.M.I. shielding even better. Please see for yourself, both here and at www.zipper-technik.de



E.M.I.- Shielding



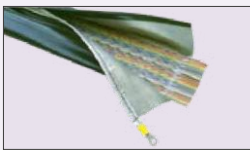
SHX 2/4

Highly flexible HF shielding made of double-layer tin-plated copper cord. Available on 50m rolls, starting with 12mm interior diameter. Support tubing: GP, Typ 63, VNH, Trevira, ZIPVIRA.



Z-Shield-Flex™

Highly flexible shielding braided tube. Tin-coated copper on polyester monofilaments provide good shielding. Available in different sizes, from 3 to 40mm.



SH/CC

Lightweight RFI/EMI shielding, with metal fabric. Specifically for applications that call for high flexibility. Available on 50m rolls, starting with 12mm interior diameter.



ZIP MESH®

Adhesive HF shielding tape, ideal for short pieces and branch connections, or for linking shielding systems. Available on 5m rolls, width: 25 or 75mm.



SH 1/63

Affordable HF shielding, aluminum laminated, with MIL and UL registration. Particularly suitable for flat conductors. Available on 50m rolls, starting with 12mm interior diameter.

Absorption (dB) of ZT shielding materials

FREQ.	SH 1/63	SH/CC	SHX 2	SHX 4	ZIP MESH®
10 MHz	106	98	71	94	94
50 MHz	104	94	70	90	90
100 MHz	85	88	44	63	63
300 MHz	102	86	45	79	79
500 MHz	104	90	44	69	69
700 MHz	112	92	47	89	89
1 GHz	99	90	51	76	76
2 GHz	115	92	49	72	72
5 GHz	97	92	38	52	52
10 GHz	103	90	38	52	52
20 GHz	100	85	37	61	61