



Product Overview

Kemzip is a cable screening product designed to be wrapped around cables requiring EMI/EMC protection. It is especially suitable for retrofitting to products already in production that are suffering from RFI radiation or conducted emission susceptibility problems. UV, ozone and weather resistant, self-extinguishing materials operating over a minimum temperature range of -30°C to $+105^{\circ}\text{C}$.

Kemzip is available in many variants, contact us to discuss your specific application, see below for examples of some of the range.



Technical Specifications

SH1/63

Zip-on light weight tubing especially for ribbon cables. Jacket material is laminated to aluminium foil to provide full EMI shielding.

Tinned copper grounding braid is attached to inside overlap for termination.

Closing systems: Z



SHX 2/4

Highly flexible EMI shielding and protection. Knitted wire mesh in 2-ply material with tinned copper braid attached to inside overlap provides seal and solderable termination point.

Closing systems: Z, F or N (N from 16mm)



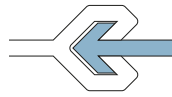
SH/CC

Light weight EMI shielding designed especially for applications where high flexibility is required. Basic material is PVC-GPs with Ni/Cu polyester cloth.

Closing systems: Z or F



Example of closing system types Z, F & N

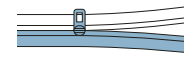


Z-Track

Standard track for all ZT-Tubing



F-Track



N-Track

Zipper for toughest conditions

Typical attenuation (dB) of Kempzip materials

Frequency	SH1/63	SH/CC	SHX2	SHX4
10 MHz	106 dB	98 dB	71 dB	94 dB
50 MHz	104 dB	94 dB	70 dB	90 dB
100 MHz	85 dB	88 dB	44 dB	63 dB
300 MHz	102 dB	86 dB	45 dB	79 dB
500 Mhz	104 dB	90 dB	44 dB	69 dB
1 GHz	99 dB	90 dB	51 dB	76 dB
10 GHz	103 dB	90 dB	38 dB	52 dB
20 GHz	100 dB	85 dB	37 dB	61 dB

Notice

Information supplied in these data sheets is based on independent and laboratory tests which Kemtron believes to be reliable. Kemtron has no control over the design of customer's product which incorporates Kemtron's products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

The product described in this data sheet shall be of standard quality, however the products are sold without warranty of fitness for a particular purpose, either expressed or implied, except to the extent expressly stated on Kemtron's invoice, quotation or order acknowledgement. Kemtron does not warrant that products described in this data sheet will be free of conflict with existing or future patents of third parties. All risks of lack of fitness, patent infringement and the like are assumed by the user.