GUAINE
CABLE PROTECTION



Tipi di guaine / *Type cable protection*

Type	GP	GPs	63	GPs/63	TREVIRA	VNL	VNH	VNH/ST	KF/PA/PET
Material	PVC	PVC	PVC	PVC	TREVIRA material	vinyl-coated PET-cloth	vinyl-coated PET-cloth	vinyl-coated PET-cloth	PA 6.6 / PET
Construction	A, OL, ZRP	A, OL	A, OL, ZRP	A, OL	A	A, OL	A, OL	A, OL	-
Closure systems	Z R D F N	Z R N	Z R D F N	Z R N	N-Track press-studs hook & loop	Z R N	Z R D F N	Z N	-
Locking strength (only Z- & D-track)	60 N/cm	60 N/cm	60 N/cm	60 N/cm	N-Track 600 N/25 mm	60 N/cm	60 N/cm	60 N/cm	-
Colors	black / grey	black	black / grey	black	black	black	black	black / yellow	black / grey
Wall strength in mm	0,5 / 1,0	0,3	0,5	0,3	0,4	0,3	0,6	0,55	-
UL-Reg.	-	-	E 169381	E 169381	-	-	-	-	-
Temp. range	-20 / -30 / +105 °C	-20 / -30 / +105 °C	-20 / -30 / +105 °C	-20 / -30 / +105 °C	-40 / +160 °C	-20 / +105 °C	-20 / +105 °C	-20 / +105 °C	-55 / +125 / +150 °C
Self-extinguishing	yes	yes	yes	yes	yes	yes	yes	yes	yes
UV-stable	yes	yes	yes	yes	yes	yes	yes	yes	yes
Ozone-resistant	yes	yes	yes	yes	yes	yes	yes	yes	yes
Weather resistant	yes	yes	yes	yes	yes	yes	yes	yes	yes
Flammability	DIN 4102: B2	DIN 4102: B2	DIN 4102: B2	DIN 4102: B2	DIN 4102 Part 1: B1 DIN 5510 Part 2 Flammability Class.: S4 Smoke dev. Class.: SR2 Drip Class.: ST2	NF P 92503 Class: M2	NF P 92503 Class: M2	-	DIN 75200 DIN 5510
Hardness / Track Shore	A84 / 92	A84 / 92	A84 / 92	A84 / 92	-	A80 / 92	A80 / 92	A80 / 92	-
Available in meter rolls	50, 100, 200	50, 100, 200	50, 100, 200	50, 100, 200	50, 100	50, 100	50, 100	50, 100	100

9/2001 The data sheet is subject to changes without notice

Tipi di chiusure / *Type closure*

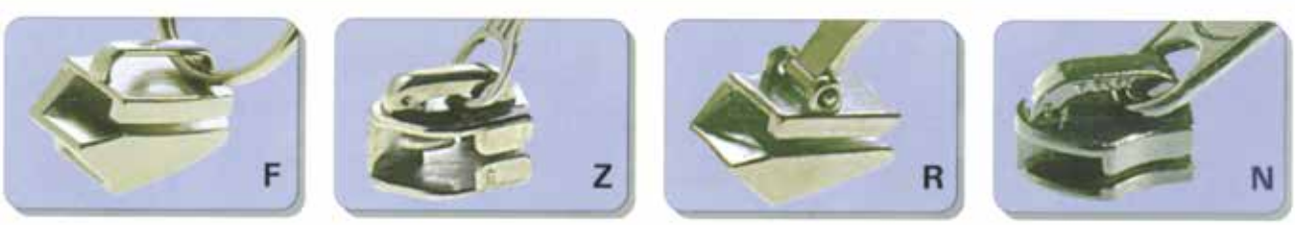
ZIPPERTUBING® Closure Systems



ZIPPERTUBING® Closure Tools



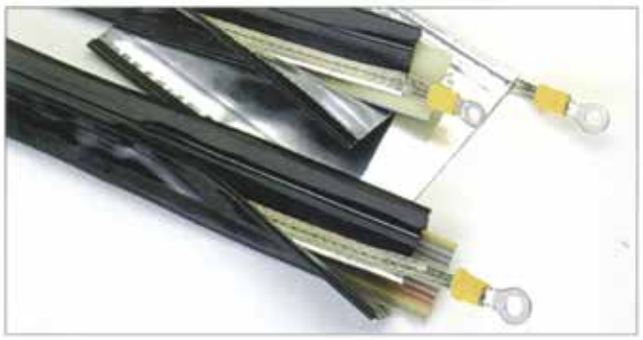
ZIPPERTUBING® Sliders



Ordering Code:

500 m	ZTZ	20	GP	0.5	B	OL
length	ZTA = A-Track ZTD = D-Track ZTF = F-Track ZTN = N-Track ZTR = R-Track ZTZ = Z-Track	inner-Ø in mm	type	wall-thickness	color	overlap

Tipi di schermature EMI / *Type shielding EMI*

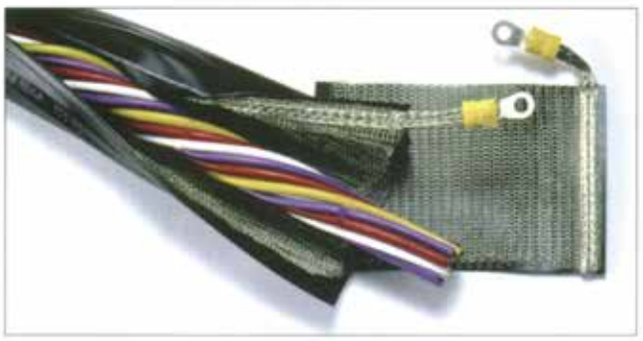


SH1/63

Zip-on light weight tubing especially for ribbon cables. Jacket material of Gps/63 laminated to aluminium foil, provides full EMI shielding.
UL-registration.

Copper grounding braid is attached to inside overlap for termination.

Available on 50 meter rolls, from 12 mm inner Ø.
Tracks: Z, R, F or N (N from 16 mm).



SHX2

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.
Shielding mesh can be attached to any ZT-jacketing.
UL- reg. with Typ 63.

Available on 50 meter rolls, from 12 mm inner Ø.
Track: Z, R, F or N (N from 16 mm)



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.

Available on 50 meter rolls, from 12 mm inner Ø.
Tracks: Z, R or F.



TSH

High quality EMI shielding for extreme conditions. Withstanding high temperatures, this shielding is ideal for problem areas.
Excellent weather and chemical resistance.

Teflon basic material for extreme temperature resistance -240 °C / +220 °C.

Available from 16 mm inner Ø.
Z-Track only.

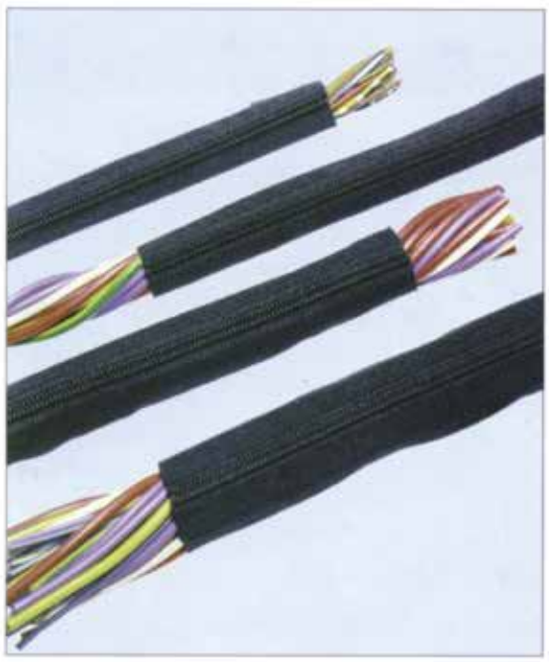


ZIP MESH®

Tin-plated copper- mesh tape with Alu or Cu liner. Ideal for short pieces or branches. Self- adhesive base assures firm positioning on the object. Suitable for connecting shielded systems and hard to reach installations.
A reliable Faraday shield.

Available as 5 meter rolls in 25 mm and 75 mm widths

Guaine in Trevira e speciali / *Special cable protection Trevira EMI*



TREVIRA *halogene free*

Halogene free Trevira-Material.

Press-stud version registered for railway vehicles DIN 5510 Part 2.

Available on 50 and 100-meter rolls
Closure: N-Track, press-studs, hook & loop.
Ø's 16, 20, 25, 30, 35, 40, 45, 50, 60 mm.

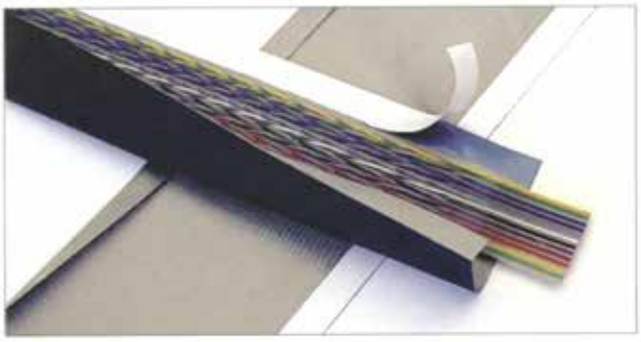


ZT-KF/PA/PET Braided Tube

Tubular braided sleeve made of polyamid 6.6 monofilaments. Easy to place over cables, can be used in rough conditions (temperature, humidity, mechanical constraints etc.) and is consequently suitable for application in most industries. ZT-Braided tube is also self-extinguishing as a result ot the raw material used combined with its woven construction. Continuous working temperature of -55 °C to + 150 °C.
ZT-KF/PA/PET is self-extinguishing, registered under DIN 75 200 (automobile interiors) DIN 5510 (rail vehicles).

Also in our programm: E.M.I. shielding, SHRINK-N-SHIELD, cable-marking systems. "ZETREFLECT" – thermo-isolation by reflection

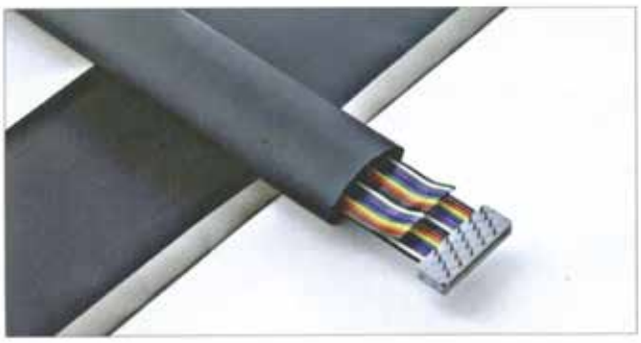
Guaine speciali / *Special cable protection*



Z-Shield - PFR

High flex, flame retardant polyurethane jacket with nickel / copper polyester shield.

Closing system: Type A - acrylic adhesive strip



Z-Shield - PFR

Flame retardant, dual layer polyurethane jacket encapsulating nickel / copper polyester shield.

This UL-registered product is highly flexible and provides excellent electro-magnetic shielding.

Closing system: Type A - acrylic adhesive strip



Z-Shield - AL

Flame retardant polyurethane jacket with aluminium foil / polyester shield.

Light weight jacket with maximum shielding effectiveness.

Closing systems: Type A - acrylic adhesive strip



Z-Shield - Flex™

Highly flexible braided tube. Tinned copper foil on polyester monofilaments provide good shielding.

Available in 4 sizes: 3, 10, 13, 20 mm



ZSST Shrink-N-Shield®

Heat-shrinkable, flame resistant polyolefin jacket (MIL.specs. and UL-reg.) enclosing flexible, metallized conductive cloth shield.

Available in 6 sizes: 4, 7, 10, 12, 20, 25 mm, delivered in 1 m lengths.