

Wiring sleeves

THE RANGE - APPLICATIONS AND ADVANTAGES

Braided polyester sleeve

- made of braided polyester monofilament to form a tubular structure
- for all electric cable wiring applications
- high expandibility value
- limited number of references
- excellent resistance to abrasion and to chemical agents
- excellent mechanical protection of conductors
- halogen-free
- listed UL CSA RoHS
- **UL 94V0 also available**

WRAPFLEX Openable braided sleeve

- made of braided polyester monofilament + multifilament
- openable sleeve with "memory effect" for immediate closing back
- allows covering already wired cable bundles
- allows covering already wired cable bundles
- excellent resistance to abrasion and to chemical agents
- listed UL RoHS

Spiral sleeve

- made of polyethylene
- allows covering already wired cable bundles
- listed RoHS

Silicone sleeve

- made of silicone impregnated and/or coated with fiberglass
- for electric cable wiring applications, guaranteeing excellent electric insulation and resistance to high working temperatures
- good expandibility

Fiberglass sleeve

- made of braided fiberglass monofilament to form a tubular structure
- high resistance to and protection against hot temperature
- good mechanical resistance to abrasion and to chemical agents
- non combustible

ZIPP-IN Openable sleeve

- made of polypropylene
- openable sleeve with zipper closing
- allows covering already wired cable bundles
- allows further insertion of cables and their removal
- wiring made extremely easy using a specific inserter

Polyester braided sleeve UL CSA V2

TECHNICAL FEATURES

Grey color

Compliant with RoHS
 Halogen-free polyester (PET) monofilament
 Density (kg/dm³): 1.14
 Working temperature: -50°C +150°C
 Melting temperature: 230°C ±5
 Self-extinguishing UL 94V0
 Flame retardant
 Packaging: coil in cardboard box

Code	Reference		Ø nom. mm	Ø max. mm
GPG2000	GPE 06G	100 mt	6.0	11.1
GPG2005	GPG 08G	100 mt	8.0	12.7
GPG2010	GPG 10G	100 mt	10.0	15.9
GPG2015	GPG 12G	50 mt	12.0	19.1
GPG2020	GPG 15G	50 mt	15.0	25.4
GPG2025	GPG 20G	50 mt	20.0	31.8
GPG2030	GPG 30G	50 mt	30.0	44.5
GPG2035	GPG 40G	50 mt	40.0	63.5
GPG2040	GPG 50G	50 mt	50.0	88.9
GPG2045	GPG 64G	25 mt	64.0	114.3



Black color

Features as above

Code	Reference		Ø nom. mm	Ø max. mm
GPN2000	GPE 06N	100 mt	6.0	11.1
GPN2005	GPG 08N	100 mt	8.0	12.7
GPN2010	GPG 10N	100 mt	10.0	15.9
GPN2015	GPG 12N	50 mt	12.0	19.1
GPN2020	GPG 15N	50 mt	15.0	25.4
GPN2025	GPG 20N	50 mt	20.0	31.8
GPN2030	GPG 30N	50 mt	30.0	44.5
GPN2035	GPG 40N	50 mt	40.0	63.5
GPN2040	GPG 50N	50 mt	50.0	88.9
GPN2045	GPG 64N	25 mt	64.0	114.3

Polyester braided sleeve UL CSA V0

TECHNICAL FEATURES

Black color with grey identification wire

Compliant with RoHS
 Halogen-free polyester (PET) monofilament
 Diameter: 0.22 mm
 Density (kg/dm³): 1.14
 Working temperature: -50°C +150°C
 Melting temperature: 230°C ±5
 Self-extinguishing UL 94V0
 Flame retardant
 Packaging: coil in cardboard box
 self-reeling from the center

Code	Reference		Ø nom. mm	Ø max. mm
GPV1000	GPV 06N	100 mt	6.0	11.1
GPV1005	GPV 08N	100 mt	8.0	12.7
GPV1010	GPV 10N	100 mt	10.0	15.9
GPV1015	GPV 12N	50 mt	12.0	19.1
GPV1020	GPV 15N	50 mt	15.0	25.4
GPV1025	GPV 20N	50 mt	20.0	31.8
GPV1030	GPV 30N	50 mt	30.0	44.5
GPV1035	GPV 40N	50 mt	40.0	63.5
GPV1040	GPV 50N	50 mt	50.0	88.9
GPV1045	GPV 64N	25 mt	64.0	114.3



WRAPFLEX openable polyester sleeve UL CSA V0

TECHNICAL FEATURES

Black color

Compliant with RoHS
 Halogen-free polyester (PET) monofilament + multifilament
 Density (kg/dm³): 1.38
 Working temperature: -50°C +150°C
 Melting temperature: 230°C ±5
 Self-extinguishing UL 94V0
 Flame retardant
 Self-closing
 Packaging: coil in cardboard box

Code	Reference		Ø D nom. mm
GWF1000	GWF 08	25 mt	8
GWF1005	GWF 13	25 mt	13
GWF1010	GWF 19	25 mt	19
GWF1015	GWF 25	25 mt	25
GWF1020	GWF 32	15 mt	32




Silicone

TECHNICAL FEATURES

Red color

Silicone + internal fiberglass reinforcement
 Rated voltage: 500 Volt
 Dielectric rigidity: 2,500 Volt
 Working temperature: -60°C +200°C
 Max. working temperature for 1 second: +280°C
 Good expandibility and elasticity
 Packaging: coil with transparent film

Code	Reference		Ø nom. mm
GSL1000	GSL 04	100 mt	4
GSL1005	GSL 06	100 mt	6
GSL1010	GSL 08	100 mt	8
GSL1015	GSL 10	100 mt	10
GSL1020	GSL 12	100 mt	12
GSL1025	GSL 16	50 mt	16
GSL1030	GSL 20	50 mt	20
GSL1035	GSL 24	50 mt	24
GSL1040	GSL 30	50 mt	30




Fiberglass braided sleeve

TECHNICAL FEATURES

Black color

Fiberglass impregnated with siliconic varnish
 Working temperature: 200°C
 Max. working temperature: 300°C
 Good flexibility
 Resistant to most chemical agents
 Packaging: coil

Code	Reference		Ø nom. mm
GFV1000	GFV 04	100 mt	4
GFV1005	GFV 06	100 mt	6
GFV1010	GFV 08	100 mt	8
GFV1015	GFV 10	100 mt	10
GFV1020	GFV 12	100 mt	12
GFV1025	GFV 16	50 mt	16
GFV1030	GFV 20	50 mt	20




Spiral sleeve

TECHNICAL FEATURES

Color: transparent (other colors upon request)

Polyethylene
 Packaging: coil in plastic bag
 Max. working temperature: 85°C

Code	Reference		Ø nom. mm
GSP0995	GSP 04	10 mt	4.2
GSP1000	GSP 06	10 mt	6.4
GSP1002	GSP 09	10 mt	9.5
GSP1005	GSP 12	10 mt	12.7
GSP1007	GSP 15	10 mt	15
GSP1010	GSP 20	10 mt	19.1




ZIPP-IN Polypropylene openable sleeve


TECHNICAL FEATURES

Black color

Polypropylene
 Packaging: coil in plastic bag

Code	Reference		Ø nom. mm
GZP1005	GZP 15	10 mt	15
GZP1010	GZP 20	10 mt	20
GZP1015	GZP 25	10 mt	25
GZP1019	GZP 30	10 mt	30

INSERITORI PER ZIPP - IN

Code	Reference		per Ø nom.
GZP 1025	GZP TOOL 15	1	15
GZP 1030	GZP TOOL 20	1	20
GZP 1035	GZP TOOL 25	1	25
GZP 1040	GZP TOOL 30	1	30




Braided sleeve cutting tool

TECHNICAL FEATURES

Two models to cut braided sleeves

Standard wire cutting and welding in one single operation
 Quick and clean operation

Code	Reference		Weight Kg
UTG1000	UTG T	1	1.5
UTG1001	UTG M	1	0.94
UTG1500	UTG T-L	1	Spare blade
UTG1501	UTG M-L	1	Spare blade

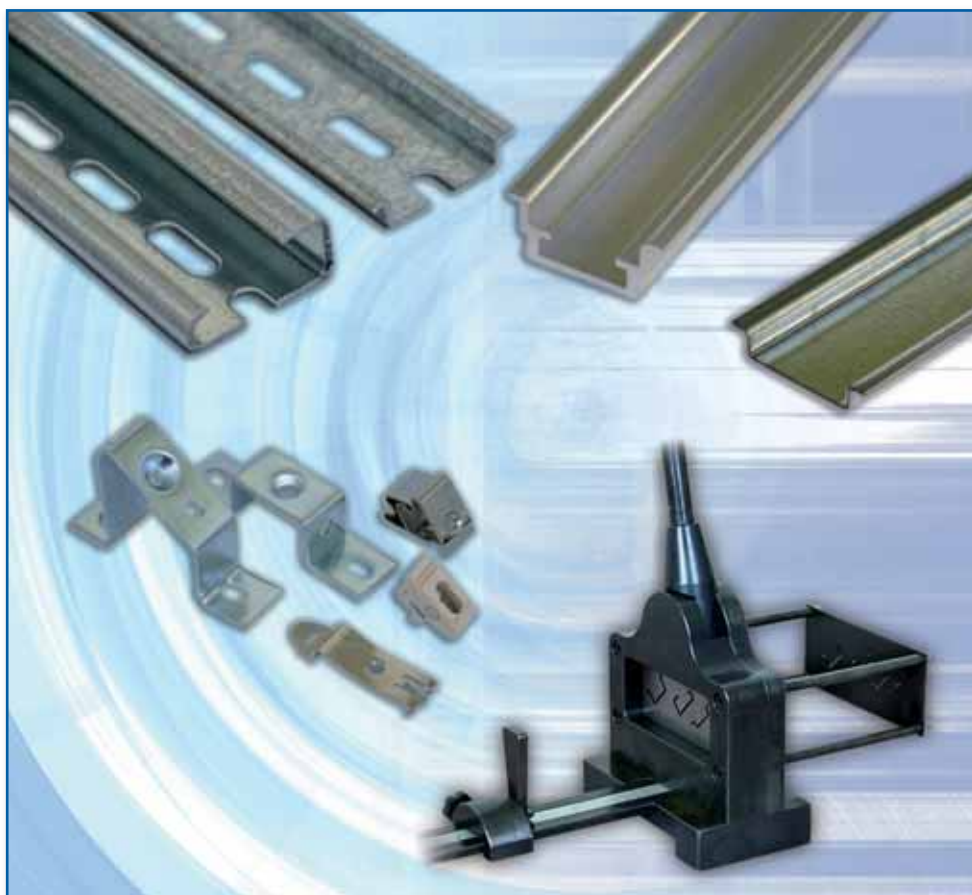
UTG1000 hot blade sleeve cutting bench tool

Working temperature: 800°C
 Power feed: 230 Volt/50 Hz
 Feed cable 1.5 meters
 Spare blade UTG1500

UTG1001 hot blade sleeve cutting hand tool

Working temperature up to 800°C in few seconds
 Power feed: 230 Volt/50 Hz
 Feed cable 2.5 meters
 Spare blade UTG1501





DIN rails and profiles

Steel and/or aluminum DIN rails standardized as per European standards which allows fitting modular electric devices and others inside electric panel boards.

Two general DIN rail typologies:

SYMMETRICAL, also said "Ω", available in three dimensions.

ASYMMETRICAL, also said "G".

Steel 30x15 "C" profiles

Used to make infrastructures inside the electric panel board and/or as support for equipment or wiring elements.

Accessories

Wide range of clips and fasteners which make it possible to conveniently fasten equipment with no provision for direct fitting on DIN rail and to fasten or space the same rail inside the panel board.

Tools

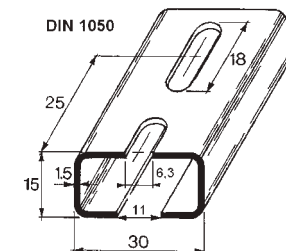
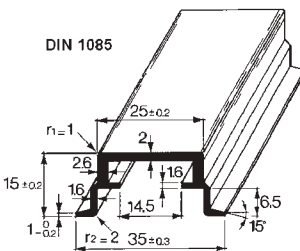
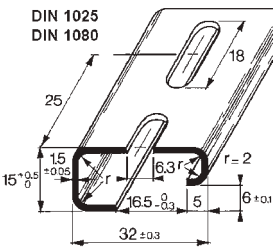
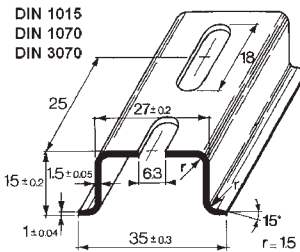
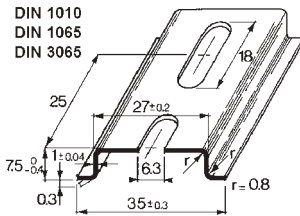
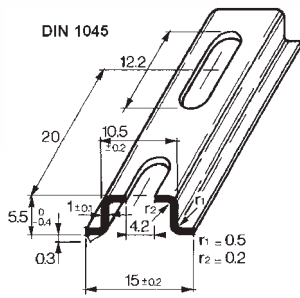
Cutting and punching tools for DIN rail, extremely easy to use, neat cut without burr and material wastes; supporting rail for accurate cut at 90°, ruler supplied for repeated cuts up to 1 meter. Maintenance-free

FEATURES


Passivated galvanized steel
Electrolytic galvanized steel
Aluminum
High mechanical resistance
Compliant with standards
EN 60715 - DIN 46277

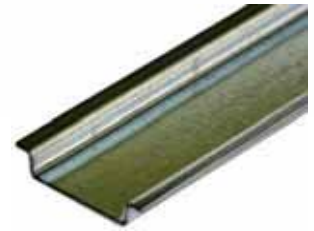
Available in solid and punched versions
Standard length: 2 meters
Some references available in 3-meters length

Passivated galvanized steel and plastic
High mechanical resistance




PASSIVATED GALVANIZED STEEL (RoHS)

Code	Reference	Length		Weight kg/pc.
Symmetrical solid DIN rails				
DIN1040	DIN NF15H5	2 meters	20	0.33
DIN1000	DIN NF35H7	2 meters	20	0.70
DIN1005	DIN NF35H15	2 meters	10	1.34
Symmetrical punched DIN rails				
DIN1045	DIN F15H5	2 meters	20	0.33
DIN1010	DIN F35H7	2 meters	20	0.60
DIN1015	DIN F35H15	2 meters	10	1.23
Asymmetrical solid DIN rails				
DIN1020	DIN GNF	2 meters	20	1.46
Asymmetrical punched DIN rails				
DIN1025	DIN GF	2 meters	20	1.38




ELECTROLYTIC GALVANIZED STEEL (RoHS)

Code	Reference	Length		Weight kg/pc.
Symmetrical solid DIN rails				
DIN1055	DIN NF35H7Z	2 meters	20	0.7
DIN1060	DIN NF35H15Z	2 meters	10	1.34
DIN3055	DIN NF35H7Z - 3	3 meters	10	1.05
DIN3060	DIN NF35H15Z - 3	3 meters	10	2.01
Symmetrical punched DIN rails				
DIN1065	DIN F35H7Z	2 meters	20	0.6
DIN1070	DIN F35H15Z	2 meters	10	1.23
DIN3065	DIN F35H7Z - 3	3 meters	10	0.9
DIN3070	DIN F35H15Z - 3	3 meters	10	1.84
Asymmetrical solid DIN rails				
DIN1075	DIN ANFZ	2 meters	20	1.46
DIN3075	DIN ANFZ - 3	3 meters	10	2.19
Asymmetrical punched DIN rails				
DIN1080	DIN AFZ	2 meters	20	1.38



ALUMINUM

Code	Reference	Length		Weight kg/pc.
Aluminum Symmetrical plain DIN rails				
DIN1085	DIN NFAL	2 meters	20	0.343



C-CHANNEL

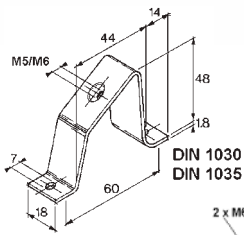
Passivated galvanized steel (RoHS)

Code	Reference	Length		Weight kg/pc.
DIN1050	CFT30H15	2 meters	10	1.3

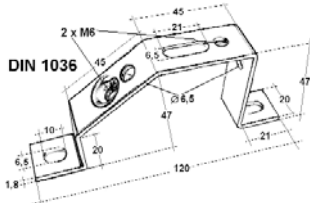


Flat and 45° supports

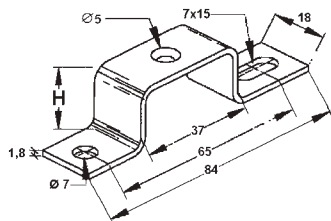
PASSIVATED GALVANIZED STEEL (RoHS)



DIN 1030
DIN 1035



DIN 1036

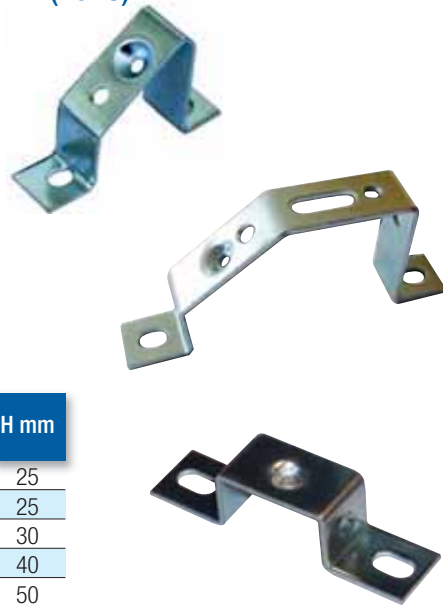


DIN 1120 DIN 1125 DIN 1130 DIN 1135
DIN 1140 DIN 1145 DIN 1150

Code	Reference	
DIN1030	DIN ST5	10
DIN1035	DIN ST6	10

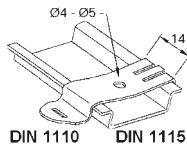
Code	Reference	
DIN1036	DIN ST 45PM6	10

Code	Reference		H mm
DIN1120	DIN STC 20-6	10	25
DIN 1125	DIN STC 25-6	10	25
DIN 1130	DIN STC 30-6	10	30
DIN 1135	DIN STC 40-6	10	40
DIN 1140	DIN STC 50-6	10	50
DIN 1145	DIN STC 70-6	10	70
DIN 1150	DIN STC 90-6	10	90

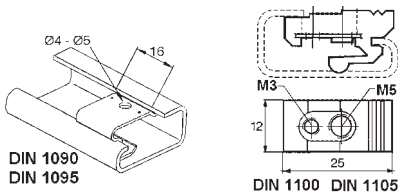


Clip for DIN rail

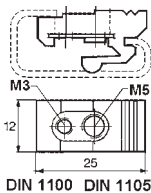
PASSIVATED GALVANIZED STEEL (RoHS)



DIN 1110 DIN 1115



DIN 1090
DIN 1095



DIN 1100 DIN 1105

Code	Reference	
CLIP for symmetrical channel		
DIN1110	DIN KLIP 4	100
DIN1115	DIN KLIP 5	100
CLIP for asymmetrical channel		
DIN1090	DIN GKLIP4	100
DIN1095	DIN GKLIP5	100
DIN1100	DIN GKLIP 3-5	100
DIN1105	DIN GKLIP 4-6	100



TOOLS

DIN RAIL CUTTING TOOL

Code	Reference		Weight Kg
UTD2000	UTD-T - 01	1	9,6
UTD2005	UTD-T-P - 02	1	11,5



Cutting

UTD 2000 to cut symmetrical "Ω" DIN rails
(15x5.5 - 35x7.5 - 35x15)



Cutting and Punching

UTD 2005 for symmetrical "Ω" DIN rails and asymmetrical "G" DIN rails
(15x5.5 - 35x7.5 - 35x15 - 32x15)

For solid DIN rails punching with oblong hole 12x6.4 mm longitudinal or perpendicular to rail length

1-meter length cutting ruler for both models