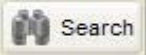



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# NEW Heat shrink crimp seal terminals

## Waterproof in-line splices (crimp seal)

- Translucent, adhesive lined, heat shrink insulation
- Shrink ratio > 3 : 1, -55°C to +125°C
- Made in Germany

Code	Colour	Max.cable	Length	Pack.Qty.
CS-ILS15	red	1.5 mm <sup>2</sup>	36 mm	100 / 500 / 1000
CS-ILS25	blue	2.5 mm <sup>2</sup>	36 mm	100 / 500 / 1000
CS-ILS60	yellow	6.0 mm <sup>2</sup>	41 mm	100 / 500 / 1000

## Waterproof ring terminal (crimp seal)

- Translucent, adhesive lined, heat shrink insulation
- Shrink ratio > 3 : 1, -55°C to +125°C
- Made in Germany

Code	Colour	Max.cable	Pack.Qty.
CS-R154	red	1.5mm/M4	100 / 500 / 1000
CS-R155	red	1.5mm/M5	100 / 500 / 1000
CS-R156	red	1.5mm/M6	100 / 500 / 1000
CS-R158	red	1.5mm/M8	100 / 500 / 1000
CS-R1510	red	1.5mm/M10	100 / 500 / 1000
CS-R254	blue	2.5mm/M4	100 / 500 / 1000
CS-R255	blue	2.5mm/M5	100 / 500 / 1000
CS-R256	blue	2.5mm/M6	100 / 500 / 1000
CS-R258	blue	2.5mm/M8	100 / 500 / 1000
CS-R2610	blue	2.5mm/M10	100 / 500 / 1000
CS-R604	yellow	6mm/M4	100 / 500 / 1000
CS-R605	yellow	6mm/M5	100 / 500 / 1000
CS-R606	yellow	6mm/M6	100 / 500 / 1000
CS-R608	yellow	6mm/M8	100 / 500 / 1000
CS-R6010	yellow	6mm/M10	100 / 500 / 1000

## Waterproof fork terminals (crimp type)

- Translucent, adhesive lined, heat shrink insulation
- Shrink ratio > 3 : 1, -55°C to +125°C
- Made in Germany

Code	Colour	Max.cable	Pack.Qty.
CS-F154	red	1.5mm/M4	100 / 500 / 1000
CS-F155	red	1.5mm/M5	100 / 500 / 1000
CS-F254	blue	2.5mm/M4	100 / 500 / 1000
CS-F255	blue	2.5mm/M5	100 / 500 / 1000
CS-F604	yellow	6mm/M4	100 / 500 / 1000
CS-F605	yellow	6mm/M5	100 / 500 / 1000

## Waterproof female push on terminals (crimp type)

- Translucent, adhesive lined, heat shrink insulation
- Shrink ratio > 3 : 1, -55°C to +125°C
- Made in Germany

Code	Colour	Max.cable	Pack.Qty.
CS-P15	red	1.5mm	100 / 500 / 1000
CS-P25	blue	2.5mm	100 / 500 / 1000
CS-P60	yellow	6mm	100 / 500 / 1000

## Waterproof male tab terminals (crimp type)

- Translucent, adhesive lined, heat shrink insulation
- Shrink ratio > 3 : 1, -55°C to +125°C
- Made in Germany

Code	Colour	Max.cable	Pack.Qty.
CS-T15	red	1.5mm	100 / 500 / 1000
CS-T25	blue	2.5mm	100 / 500 / 1000
CS-T60	yellow	6mm	100 / 500 / 1000



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## Insulated fork terminals & ring terminals

### Fork terminals (crimp type)

- Insulation material: PVC
- High quality fully annealed tin plated. 99.9% oxygen free copper
- Complies with international standards

Code	Colour	Max cable	Stud size	Pack Qty
FT15325	red	1.5 mm <sup>2</sup>	3 mm	25
FT153100	red	1.5 mm <sup>2</sup>	3 mm	100
FT15425	red	1.5 mm <sup>2</sup>	4 mm	25
FT154100	red	1.5 mm <sup>2</sup>	4 mm	100
FT15525	red	1.5 mm <sup>2</sup>	5 mm	25
FT155100	red	1.5 mm <sup>2</sup>	5 mm	100
FT15620	red	1.5 mm <sup>2</sup>	6 mm	20
FT156100	red	1.5 mm <sup>2</sup>	6 mm	100
FT25325	blue	2.5 mm <sup>2</sup>	3 mm	25
FT253100	blue	2.5 mm <sup>2</sup>	3 mm	100
FT25425	blue	2.5 mm <sup>2</sup>	4 mm	25
FT254100	blue	2.5 mm <sup>2</sup>	4 mm	100
FT25525	blue	2.5 mm <sup>2</sup>	5 mm	25
FT255100	blue	2.5 mm <sup>2</sup>	5 mm	100
FT25615	blue	2.5 mm <sup>2</sup>	6 mm	15
FT256100	blue	2.5 mm <sup>2</sup>	6 mm	100
FT60315	yellow	6.0 mm <sup>2</sup>	3 mm	15
FT60350	yellow	6.0 mm <sup>2</sup>	3 mm	50
FT60415	yellow	6.0 mm <sup>2</sup>	4 mm	15
FT60450	yellow	6.0 mm <sup>2</sup>	4 mm	50
FT60515	yellow	6.0 mm <sup>2</sup>	5 mm	15
FT60550	yellow	6.0 mm <sup>2</sup>	5 mm	50
FT60615	yellow	6.0 mm <sup>2</sup>	6 mm	15
FT60650	yellow	6.0 mm <sup>2</sup>	6 mm	50



### Ring terminals (crimp type)

- Complies with international standards
- 99.9% oxygen free tin plated fully annealed copper
- Insulation material: PVC

Code	Colour	Max.Cable	Stud size	Pack Qty
RT15325	red	1.5 mm <sup>2</sup>	3 mm	25
RT153100	red	1.5 mm <sup>2</sup>	3 mm	100
RT15425	red	1.5 mm <sup>2</sup>	4 mm	25
RT154100	red	1.5 mm <sup>2</sup>	4 mm	100
RT15525	red	1.5 mm <sup>2</sup>	5 mm	25
RT155100	red	1.5 mm <sup>2</sup>	5 mm	100
RT15620	red	1.5 mm <sup>2</sup>	6 mm	20
RT156100	red	1.5 mm <sup>2</sup>	6 mm	100
RT15815	red	1.5 mm <sup>2</sup>	8 mm	15
RT158100	red	1.5 mm <sup>2</sup>	8 mm	100
RT151015	red	1.5 mm <sup>2</sup>	10 mm	15
RT1510100	red	1.5 mm <sup>2</sup>	10 mm	100
RT25325	blue	2.5 mm <sup>2</sup>	3 mm	25
RT253100	blue	2.5 mm <sup>2</sup>	3 mm	100
RT25425	blue	2.5 mm <sup>2</sup>	4 mm	25
RT254100	blue	2.5 mm <sup>2</sup>	4 mm	100
RT25525	blue	2.5 mm <sup>2</sup>	5 mm	25
RT255100	blue	2.5 mm <sup>2</sup>	5 mm	100
RT25620	blue	2.5 mm <sup>2</sup>	6 mm	20
RT256100	blue	2.5 mm <sup>2</sup>	6 mm	100
RT25815	blue	2.5 mm <sup>2</sup>	8 mm	15
RT258100	blue	2.5 mm <sup>2</sup>	8 mm	100
RT251015	blue	2.5 mm <sup>2</sup>	10 mm	15
RT2510100	blue	2.5 mm <sup>2</sup>	10 mm	100
RT60315	yellow	6.0 mm <sup>2</sup>	3 mm	15
RT60350	yellow	6.0 mm <sup>2</sup>	3 mm	50
RT60415	yellow	6.0 mm <sup>2</sup>	4 mm	15
RT60450	yellow	6.0 mm <sup>2</sup>	4 mm	50
RT60515	yellow	6.0 mm <sup>2</sup>	5 mm	15
RT60550	yellow	6.0 mm <sup>2</sup>	5 mm	50
RT60615	yellow	6.0 mm <sup>2</sup>	6 mm	15
RT60650	yellow	6.0 mm <sup>2</sup>	6 mm	50
RT60810	yellow	6.0 mm <sup>2</sup>	8 mm	10
RT60850	yellow	6.0 mm <sup>2</sup>	8 mm	50
RT601010	yellow	6.0 mm <sup>2</sup>	10 mm	10
RT601050	yellow	6.0 mm <sup>2</sup>	10 mm	50



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## Insulated female push-on, piggy backs & male tabs

### Female push-on terminals (crimp type) Fully insulated

• Insulation material: PVC

Code	Colour	Max cable size	Tab size	Pack Qty
PFF1528100TH	red	1.5 mm <sup>2</sup>	2.8 x 0.5 mm	100
PFF1528100H	red	1.5 mm <sup>2</sup>	2.8 x 0.8 mm	100
PFF1548100TH	red	1.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PFF154815	red	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	15
PFF154850	red	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	50
PFF156415	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	15
PFF156450	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	50
PFF2548100TH	blue	2.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PFF254815	blue	2.5 mm <sup>2</sup>	4.8 x 0.8 mm	15
PFF254850	blue	2.5 mm <sup>2</sup>	4.8 x 0.8 mm	50
PFF256415	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	15
PFF256450	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	50
PFF606410	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	10
PFF606450	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	50

### Piggy backs (crimp type)

• Insulation material: PVC

Code	Colour	Max cable size	Tab size	Pack Qty
PB1515	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	15
PB15100	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PB2515	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	15
PB25100	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PB6050	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	50
PB60100	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	50

### Female push on terminals

• Double grip type

• Insulation material: PVC

Code	Colour	Max cable size	Width x thickness	Pack Qty
PFI1528100TH	red	1.5 mm <sup>2</sup>	2.8 x 0.5 mm	100
PFI152820	red	1.5 mm <sup>2</sup>	2.8 x 0.8 mm	20
PFI1528100	red	1.5 mm <sup>2</sup>	2.8 x 0.8 mm	100
PFI1548100TH	red	1.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PFI154820	red	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	20
PFI1548100	red	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	100
PFI156420	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	20
PFI1564100	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PFI2528100H	blue	2.5 mm <sup>2</sup>	2.8 x 0.8 mm	100
PFI2548100TH	blue	2.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PFI254820	blue	2.5 mm <sup>2</sup>	4.8 x 0.8 mm	20
PFI2548100	blue	2.5 mm <sup>2</sup>	4.8 x 0.8 mm	100
PFI256415	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	15
PFI2564100	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PFI606415	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	15
PFI606450	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	50

### Male tabs (crimp type)

• Insulation material: PVC

Code	Colour	Max cable size	Tab size	Pack Qty
PMI1528100H	red	1.5 mm <sup>2</sup>	2.8 x 0.8 mm	100
PMI1548100TH	red	1.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PMI1548100H	red	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	100
PMI156420	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	20
PMI1564100	red	1.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PMI2548100TH	blue	2.5 mm <sup>2</sup>	4.8 x 0.5 mm	100
PMI2548100H	blue	2.5 mm <sup>2</sup>	4.8 x 0.8 mm	100
PMI256420	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	20
PMI2564100	blue	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PMI606415	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	15
PMI606450	yellow	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	50



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## Insulated In-line splices, tab splices, bootlace & twin- bootlace terminals

### In-line splices (crimp type)

- Insulation material: PVC
- Complies with international standards
- High quality terminals manufactured from fully annealed tin plated, 99.9% oxygen free copper.

Code	Colour	Max.cable	Length	Pack Qty.
ILS1515	red	1.5 mm <sup>2</sup>	26 mm	15
ILS15100	red	1.5 mm <sup>2</sup>	26 mm	100
ILS2515	blue	2.5 mm <sup>2</sup>	26 mm	15
ILS25100	blue	2.5 mm <sup>2</sup>	26 mm	100
ILS608	yellow	6.0 mm <sup>2</sup>	28 mm	8
ILS6050	yellow	6.0 mm <sup>2</sup>	28 mm	50



### In-line splices (crimp type)

- Insulation material: translucent polycarbonate
- -150°C to +130°C

Code	Colour	Max.cable	Length	Pack Qty.
ILS15100H	red	1.5 mm <sup>2</sup>	26 mm	100
ILS25100H	blue	2.5 mm <sup>2</sup>	26 mm	100
ILS60100H	yellow	6.0 mm <sup>2</sup>	28 mm	100



### Tab splices

- Insulation material: PVC

Code	Colour	Max cable size	Pack Qty.
TS1550	red	1.5 mm <sup>2</sup>	50
TS2550	blue	2.5 mm <sup>2</sup>	50
TS6025	yellow	6.0 mm <sup>2</sup>	25



### Bootlace terminals (wire end sleeves)

- Insulation material: polyamide
- Heat resistant up to 110°C

Code	Colour	Min.cable	Max.cable	Pack Qty.
9004	white	0.5mm <sup>2</sup>	8mm <sup>2</sup>	100
9008	blue	0.75mm <sup>2</sup>	8mm <sup>2</sup>	100
9011	red	1mm <sup>2</sup>	8mm <sup>2</sup>	100
9014	black	1.5mm <sup>2</sup>	8mm <sup>2</sup>	100
9017	grey	2.5mm <sup>2</sup>	8mm <sup>2</sup>	100
9020	orange	3.5mm <sup>2</sup>	8mm <sup>2</sup>	100
9023	green	5mm <sup>2</sup>	8mm <sup>2</sup>	100
9025	brown	5mm <sup>2</sup>	10mm <sup>2</sup>	50
9029	black	8mm <sup>2</sup>	12mm <sup>2</sup>	100



### Twin bootlace terminals (wire end sleeves)

- Insulation material: polyamide
- Heat resistant up to 110°C

Code	Colour	Min.cable	Max.cable	Pack Qty.
9041	white	0.5mm <sup>2</sup>	.5mm <sup>2</sup> x2	100
9052	red	1mm <sup>2</sup>	1mm <sup>2</sup> x2	100
9054	black	1.5mm <sup>2</sup>	1.5mm <sup>2</sup> x2	100
9057	blue	0.75mm <sup>2</sup>	.75mm <sup>2</sup> x2	100
9059	grey	2.5mm <sup>2</sup>	2.5mm <sup>2</sup> x2	100



## Insulated pin terminals, blade terminals, lipped blade terminals & flanged fork terminals

### Pin terminals (crimp type)

- Insulation: PVC
- Complies with international standard

Code	Colour	Max.cable	Pack Qty
PT15100	red	1.5 mm <sup>2</sup>	100
PT25100	blue	2.5 mm <sup>2</sup>	100
PT6050	yellow	6.0 mm <sup>2</sup>	50



### Pin terminals (crimp type)

- Insulation material: Translucent polycarbonate
- Complies with international standard

Code	Colour	Max.cable	Pin size	Pack Qty
PT15100H	red	1.5 mm <sup>2</sup>	12 x 1.9 mm	100
PT25100H	blue	2.5 mm <sup>2</sup>	12 x 1.9 mm	100
PT60100H	yellow	6.0 mm <sup>2</sup>	16 x 2.7 mm	100



### Blade terminals (crimp type)

- Insulation material: PVC
- Complies with international standard

Code	Colour	Max.cable	Pin size	Pack Qty
BT15100	red	1.5 mm <sup>2</sup>	10 x 2.3 mm	100
BT25100	blue	2.5 mm <sup>2</sup>	9 x 2.8 mm	100
BT60100	yellow	6.0 mm <sup>2</sup>	10 x 2.8 mm	100



### Lipped blade terminals (crimp type)

- Insulation material: PVC
- Complies with international standard

Code	Colour	Max.cable	Blade size	Pack Qty
LB15100H	red	1.5 mm <sup>2</sup>	16.8 x 3.0 mm	100
LB15100HL	red	1.5 mm <sup>2</sup>	16.8 x 4.6 mm	100
LB25100H	blue	2.5 mm <sup>2</sup>	16.8 x 3.0 mm	100
LB25100HL	blue	2.5 mm <sup>2</sup>	16.8 x 4.6 mm	100
LB60100H	yellow	6.0 mm <sup>2</sup>	16.8 x 3.0 mm	100
LB60100HL	yellow	6.0 mm <sup>2</sup>	16.8 x 4.6 mm	100



### Flanged fork terminals (crimp type)

- Insulation material: PVC
- Complies with international standard

Code	Colour	Max.cable	Stud size	Pack Qty
FF153100H	red	1.5 mm <sup>2</sup>	3 mm	100
FF154100H	red	1.5 mm <sup>2</sup>	4 mm	100
FF155100H	red	1.5 mm <sup>2</sup>	5 mm	100
FF253100H	blue	2.5 mm <sup>2</sup>	3 mm	100
FF254100H	blue	2.5 mm <sup>2</sup>	4 mm	100
FF255100H	blue	2.5 mm <sup>2</sup>	5 mm	100
FF603100H	yellow	6.0 mm <sup>2</sup>	3 mm	100
FF604100H	yellow	6.0 mm <sup>2</sup>	4 mm	100
FF605100H	yellow	6.0 mm <sup>2</sup>	5 mm	100





## Insulated male & female bullet connectors, end connectors & PVC terminal covers

### Female bullet connectors (crimp type)

- Insulation material: PVC
- Double grip type
- High quality terminals manufactured from fully annealed tin plated copper.
- 99.9% oxygen free
- Complies with international standards

Code	Colour	Max.cable	Diameter	Pack Qty.
BCF1515	red	1.5 mm <sup>2</sup>	4 mm	15
BCF15100	red	1.5 mm <sup>2</sup>	4 mm	100
BCF2510	blue	2.5 mm <sup>2</sup>	5 mm	10
BCF2550	blue	2.5 mm <sup>2</sup>	5 mm	50
BCF2550H4	blue	2.5 mm <sup>2</sup>	4 mm	50
BCF6050H	yellow	6.0 mm <sup>2</sup>	5 mm	50



### Male bullet connectors (crimp type)

- Insulation material: PVC
- Double grip type

Code	Colour	Max. cable	Diameter	Pack Qty.
BCM1515	red	1.5 mm <sup>2</sup>	4 mm	15
BCM15100	red	1.5 mm <sup>2</sup>	4 mm	100
BCM2510	blue	2.5 mm <sup>2</sup>	5 mm	10
BCM2550	blue	2.5 mm <sup>2</sup>	5 mm	50
BCM2550H4	blue	2.5 mm <sup>2</sup>	4 mm	50
BCM6050H	yellow	6.0 mm <sup>2</sup>	5 mm	50



### End connectors (screw in type)

- Insulation material: PVC

Code	Colour	Max.cable size	Wire	Pack Qty.
GAS-P1	grey	1.5 mm <sup>2</sup>	internal wire nut	50
GAS-P2	blue	2.5 mm <sup>2</sup>	internal wire nut	50
GAS-P3	orange	4.0mm <sup>2</sup>	internal wire nut	50
GAS-P4	yellow	6.0mm <sup>2</sup>	internal wire nut	50
GA-2	white	1.5mm <sup>2</sup>	PVC	50
GA-3	yellow	2.5mm <sup>2</sup>	PVC	50



### End connectors (crimp type)

- Complies with international standards
- Insulation material: PVC

Code	Colour	Min. Cable	Max.Cable	Pack Qty
EC350N	natural	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>	50
EC450N	natural	1.0mm <sup>2</sup>	2.5mm <sup>2</sup>	50
EC550N	natural	2.5-6.0mm <sup>2</sup>	6mm <sup>2</sup>	50
EC850N	natural	6.0-8.5mm <sup>2</sup>	8.5mm <sup>2</sup>	50



### End connectors (screw type)

- Insulation material: Clear Polycarbonate 125°C

Code	Colour	Max.cable	Voltage/Current	Pack Qty.
HE25-120	clear	3 x 1.5 - 2.5 mm <sup>2</sup>	400V / 16-25A	20
HE25-1100	clear	3 x 1.5 - 2.5 mm <sup>2</sup>	400V / 16-25A	100
HE16410	clear	2 x 6 mm <sup>2</sup>	440V / 32A	10
HE16450	clear	2 x 6 mm <sup>2</sup>	440V / 32A	50



### PVC terminal covers

- Insulation material: PVC

Code	Colour	Terminal use
65100	clear	flag terminal
C6460	clear	female push on





## Non-insulated female push-on terminals, male tabs & piggy-back adaptors

### Female push-on terminals (crimp type)

- High quality terminals, Brass or Tin plated Brass
- Comply with international standards

Code	Material	Max. cable	Tab size	Pack Qty
PFB28100TH	brass	1.0 mm <sup>2</sup>	2.8 x 0.5 mm	100
PFB28100	brass	1.0 mm <sup>2</sup>	2.8 x 0.8 mm	100
PFB48100	brass	1.5 mm <sup>2</sup>	4.8 x 0.8 mm	100
PFB64100	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100



### Female push on terminals (crimp type)

- With tang for locking into a housing

Code	Material	Max. cable	Tab size	Pack Qty
PFB46032MS	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PFB46032VZ	tin plated brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PFB46047VZ	tin plated brass	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	100



### Female push-on terminals (crimp flag type)

Code	Material	Max. cable	Tab size	Pack Qty
PFB6450F	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	50



### Female push-on terminals (screw type)

Code	Material	Max. cable	Tab size	Pack Qty
PFB6410S	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	10



### Male tabs (crimp type)

Code	Material	Max. cable	Tab size	Pack Qty
PMB65144MS	brass	1.0 mm <sup>2</sup>	2.8 x 0.8 mm	100
PMB6460	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	60



### Male tabs (crimp type)

- With tang for locking into housing

Code	Material	Max. cable	Tab size	Pack Qty
PMB45628MS	brass	1.0 mm <sup>2</sup>	2.8 x 0.8 mm	100
PMB45054MS	brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PMB45054VZ	tin plated brass	2.5 mm <sup>2</sup>	6.4 x 0.8 mm	100
PMB45698VZ	fire-tinned brass	6.0 mm <sup>2</sup>	6.4 x 0.8 mm	100



### Piggy-back adaptors

Code	Material	Tab size	Pack Qty
PBB17372MS	brass	2.8 x 0.8 mm	100
PBB17050MS	brass	4.8 x 0.8 mm	100
PBB11802MS	brass	6.4 x 0.8 mm	100
PBB6430	brass	6.4 x 0.8 mm	30



Other sizes available on request

## Copper crimp long barrel type lugs

### Long barrel type lugs

- Manufactured from seamless copper
- 99.9% oxygen free copper (BS 6017) Electro-tinned to BS1872 for maximum conductivity

Code	Size	Hole size	Pack Qty.
L1.5/4	1.5 mm <sup>2</sup>	4 mm	100
L1.5/5	1.5 mm <sup>2</sup>	5 mm	100
L1.5/6	1.5 mm <sup>2</sup>	6 mm	100
L2.5/4	2.5 mm <sup>2</sup>	4 mm	100
L2.5/5	2.5 mm <sup>2</sup>	5 mm	100
L2.5/6	2.5 mm <sup>2</sup>	6 mm	100
L2.5/8	2.5 mm <sup>2</sup>	8 mm	100
L4/5	4 mm <sup>2</sup>	5 mm	100
L4/6	4 mm <sup>2</sup>	6 mm	100
L4/8	4 mm <sup>2</sup>	8 mm	100
L6/5	6 mm <sup>2</sup>	5 mm	100
L6/6	6 mm <sup>2</sup>	6 mm	100
L6/8	6 mm <sup>2</sup>	8 mm	100
L6/10	6 mm <sup>2</sup>	10 mm	100
L10/5	10 mm <sup>2</sup>	5 mm	100
L10/6	10 mm <sup>2</sup>	6 mm	100
L10/8	10 mm <sup>2</sup>	8 mm	100
L10/10	10 mm <sup>2</sup>	10 mm	100
L16/6	16 mm <sup>2</sup>	6 mm	50
L16/8	16 mm <sup>2</sup>	8 mm	50
L16/10	16 mm <sup>2</sup>	10 mm	50
L16/12	16 mm <sup>2</sup>	12 mm	50
L20/6	20 mm <sup>2</sup>	6 mm	50
L20/10	20 mm <sup>2</sup>	10 mm	50
L25/6	25 mm <sup>2</sup>	6 mm	50
L25/8	25 mm <sup>2</sup>	8 mm	50
L25/10	25 mm <sup>2</sup>	10 mm	50
L25/12	25 mm <sup>2</sup>	12 mm	50
L35/6	35 mm <sup>2</sup>	6 mm	50
L35/8	35 mm <sup>2</sup>	8 mm	50
L35/10	35 mm <sup>2</sup>	10 mm	50
L35/12	35 mm <sup>2</sup>	12 mm	50
L50/6	50 mm <sup>2</sup>	6 mm	25
L50/8	50 mm <sup>2</sup>	8 mm	25
L50/10	50 mm <sup>2</sup>	10 mm	25
L50/12	50 mm <sup>2</sup>	12 mm	25
L70/6	70 mm <sup>2</sup>	6 mm	25
L70/8	70 mm <sup>2</sup>	8 mm	25
L70/10	70 mm <sup>2</sup>	10 mm	25
L70/12	70 mm <sup>2</sup>	12 mm	25
L95/8	95 mm <sup>2</sup>	8 mm	1
L95/10	95 mm <sup>2</sup>	10 mm	1
L95/12	95 mm <sup>2</sup>	12 mm	1
L95/16	95 mm <sup>2</sup>	16 mm	1

Other sizes available on request



### Copper crimp lugs (long barrel type)

- Comply with IEC1238-1
- Electro-tinned to BS1872 for maximum conductivity
- Manufactured from seamless copper tube

Code	Size	Hole size	Pack Qty
L120/10	120 mm <sup>2</sup>	10 mm	1
L120/12	120 mm <sup>2</sup>	12 mm	1
L120/16	120 mm <sup>2</sup>	16 mm	1
L150/10	150 mm <sup>2</sup>	10 mm	1
L150/12	150 mm <sup>2</sup>	12 mm	1
L150/16	150 mm <sup>2</sup>	16 mm	1
L150/20	150 mm <sup>2</sup>	20 mm	1
L185/10	185 mm <sup>2</sup>	10 mm	1
L185/12	185 mm <sup>2</sup>	12 mm	1
L185/16	185 mm <sup>2</sup>	16 mm	1

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## Copper crimp lugs, blank crimp lugs & crimp links

### Blank crimp lugs

- Comply with IEC1238-1
- 99.9% oxygen free copper (BS6017) Electro-tinned to BS1872 for maximum conductivity

Code	Size	Hole size	Pack Qty
L240/0	240 mm <sup>2</sup>	blank	1
L300/0	300 mm <sup>2</sup>	blank	1
L400/0	400 mm <sup>2</sup>	blank	1
L500/0	500 mm <sup>2</sup>	blank	1
L630/0	630 mm <sup>2</sup>	blank	1



### Crimp links

- Comply with IEC1238-1
- 99.9% oxygen free copper (BS6017) Electro-tinned to BS1872 for maximum conductivity

Code	Size	Pack Qty
L1.5	1.5 mm <sup>2</sup>	100
L2.5	2.5 mm <sup>2</sup>	100
L4	4 mm <sup>2</sup>	50
L6	6 mm <sup>2</sup>	50
L10	10 mm <sup>2</sup>	50
L16	16 mm <sup>2</sup>	50
L25	25 mm <sup>2</sup>	50
L35	35 mm <sup>2</sup>	25
L50	50 mm <sup>2</sup>	25
L70	70 mm <sup>2</sup>	20
L95	95 mm <sup>2</sup>	1
L120	120 mm <sup>2</sup>	1
L150	150 mm <sup>2</sup>	1
L185	185 mm <sup>2</sup>	1
L240	240 mm <sup>2</sup>	1
L300	300 mm <sup>2</sup>	1
L400	400 mm <sup>2</sup>	1
L500	500 mm <sup>2</sup>	1
L630	630 mm <sup>2</sup>	1



Other sizes available on request



## NOTES

This image shows a full page of blank, lined paper. It features approximately 30 horizontal black lines spaced evenly across the page, typical of notebook or legal stationery. The lines are thin and extend from the left edge towards the right. There are no margins, text, or other markings on the page.

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Standard cable ties

Standard cable ties

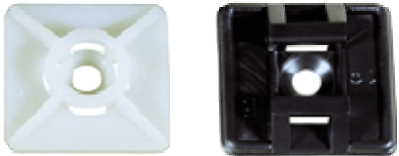
- UL-approved Nylon 6.6,
- Self-extinguishing UL 94 V-2
- Operating temp - 40°C to 85°C



Code	Length	Width	Colour	Max. Bundle	Min.Tensile	Pack Qty
10025N	100 mm	2.5 mm	natural	18 mm	8.1 kg	100
10025B	100 mm	2.5 mm	black, UV-resistant	18 mm	8.1 kg	100
16525N	165 mm	2.5 mm	natural	40 mm	8.1 kg	100
16525B	165 mm	2.5 mm	black, UV-resistant	40 mm	8.1 kg	100
13636N	136 mm	3.6 mm	natural	33 mm	18.2 kg	100
13636B	136 mm	3.6 mm	black, UV-resistant	33 mm	18.2 kg	100
20636N	206 mm	3.6 mm	natural	50 mm	18.2 kg	100
20636B	206 mm	3.6 mm	black, UV-resistant	50 mm	18.2 kg	100
29536N	295 mm	3.6 mm	natural	76 mm	18.2 kg	100
29536B	295 mm	3.6 mm	black, UV-resistant	76 mm	18.2 kg	100
20248N	202 mm	4.8 mm	natural	50 mm	22.2 kg	100
20248B	202 mm	4.8 mm	black, UV-resistant	50 mm	22.2 kg	100
29848N	298 mm	4.8 mm	natural	76 mm	22.2 kg	100
29848B	298 mm	4.8 mm	black, UV-resistant	76 mm	22.2 kg	100
37548N	375 mm	4.8 mm	natural	102 mm	22.2 kg	100
37548B	375 mm	4.8 mm	black, UV-resistant	102 mm	22.2 kg	100
19576N	195 mm	7.6 mm	natural	50 mm	54.5 kg	100
19576B	195 mm	7.6 mm	black, UV-resistant	50 mm	54.5 kg	100
29876N	298 mm	7.6 mm	natural	76 mm	54.5 kg	100
29876B	298 mm	7.6 mm	black, UV-resistant	76 mm	54.5 kg	100
36276N	362 mm	7.6 mm	natural	102 mm	54.5 kg	100
36276B	362 mm	7.6 mm	black, UV-resistant	102 mm	54.5 kg	100
42790N	427 mm	9.0 mm	natural	110 mm	75 kg	100
42790B	427 mm	9.0 mm	black, UV-resistant	110 mm	75 kg	100
52790N	527 mm	9.0 mm	natural	140 mm	75 kg	100
52790B	527 mm	9.0 mm	black, UV-resistant	140 mm	75 kg	100
61090N	610 mm	9.0 mm	natural	160 mm	75 kg	100
61090B	610 mm	9.0 mm	black, UV-resistant	160 mm	75 kg	100
70090N	700 mm	9.0 mm	natural	190 mm	75 kg	100
70090B	700 mm	9.0 mm	black, UV-resistant	190 mm	75 kg	100
81290N	812 mm	9.0 mm	natural	240 mm	75 kg	100
81290B	812 mm	9.0 mm	black, UV-resistant	240 mm	75 kg	100

Cable tie mounts

- Self-extinguishing UL 94 V-2 •Material: Nylon 6.6
- Self Adhesive



Code	Length	Width	Colour	Max. Bundle	Pack Qty
CTM19N	19 mm	19 mm	natural	max. cable tie width 3.6mm	100
CTM28N	28 mm	28 mm	natural	max. cable tie width 4.8mm	100

Saddle tie mounts

- Material: Nylon 6.6



Code	Length	Width	Colour	Max. Bundle	Pack Qty
STM1N	14.9 mm	9.5 mm	natural	max. cable tie width 4.8mm	100
STM1B	14.9 mm	9.5 mm	black, UV-resistant	max. cable tie width 4.8mm	100
STM2N	22.2 mm	15.9 mm	natural	max. cable tie width 7.6mm	100
STM2B	22.2 mm	15.9 mm	black, UV-resistant	max. cable tie width 7.6mm	100

Tie mounts

- Material: Nylon 6.6

Code	Length	Width	Colour	Pack Qty
	19mm	12mm	natural	100



## Double lock cable ties

### Double lock cable ties

- Superior strength & reliability
- Flame retardant UL94 V-2
- Nylon 6.6
- Comply with military specifications ( Mil. spec. 3367/-S-23190 )



Code	Size	Size mm	Colour	Tensile kg	Tensile lbs	Pack Qty.
DL15230N	6"	152 x 3.0mm	natural	20.41 kg	45 lbs	100
DL15230B	6"	152 x 3.0mm	black, UV-resistant	20.41 kg	45 lbs	100
DL20330N	8"	203 x 3.0mm	natural	20.41 kg	45 lbs	100
DL20330B	8"	203 x 3.0mm	black, UV-resistant	20.41 kg	45 lbs	100
DL27930N	11"	279 x 3.0mm	natural	20.41 kg	45 lbs	100
DL27930B	11"	279 x 3.0mm	black, UV-resistant	20.41 kg	45 lbs	100
DL20340N	8"	203 x 4.0mm	natural	34.02 kg	75 lbs	100
DL20340B	8"	203 x 4.0mm	black, UV-resistant	34.02 kg	75 lbs	100
DL27940N	11"	279 x 4.0mm	natural	34.02 kg	75 lbs	100
DL27940B	11"	279 x 4.0mm	black, UV-resistant	34.02 kg	75 lbs	100
DL35640N	14"	356 x 4.0mm	natural	34.02 kg	75 lbs	100
DL35640B	14"	356 x 4.0mm	black, UV-resistant	34.02 kg	75 lbs	100
DL21070N	8"	210 x 7.0mm	natural	79.38 kg	175 lbs	100
DL21070B	8"	210 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	100
DL31170N	12"	311 x 7.0mm	natural	79.38 kg	175 lbs	100
DL31170B	12"	311 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	100
DL36270N	14"	362 x 7.0mm	natural	79.38 kg	175 lbs	100
DL36270B	14"	362 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	100
DL46470N	18"	464 x 7.0mm	natural	79.38 kg	175 lbs	100
DL46470B	18"	464 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	100
DL54070N	21"	540 x 7.0mm	natural	79.38 kg	175 lbs	50
DL54070B	21"	540 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	50
DL61670N	24"	616 x 7.0mm	natural	79.38 kg	175 lbs	50
DL61670B	24"	616 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	50
DL86470N	34"	864 x 7.0mm	natural	79.38 kg	175 lbs	50
DL86470B	34"	864 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	50
DL91470N	36"	914 x 7.0mm	natural	79.38 kg	175 lbs	50
DL91470B	36"	914 x 7.0mm	black, UV-resistant	79.38 kg	175 lbs	50
DL106770N	42"	1067x7.0mm	natural	79.38 kg	175 lbs	50
DL106770B	42"	1067x7.0mm	black, UV-resistant	79.38 kg	175 lbs	50
DL121970N	48"	1219x7.0mm	natural	79.38 kg	175 lbs	50
DL121970B	48"	1219x7.0mm	black, UV-resistant	79.38 kg	175 lbs	50

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## Coloured non florescent double-lock, coloured releasable ties & colour florescent double-lock cable ties

### Coloured non florescent double-lock cable ties

- Superior strength & reliability
- Flame retardant UL94 V-2
- Nylon 6.6

Code	Size	Size (mm)	Tensile kg	Colour	Pack Qty
DL2034B	8"	203 X 4.0MM	34.02 kg	blue	100
DL2034G	8"	203 X 4.0MM	34.02 kg	green	100
DL2034R	8"	203 X 4.0MM	34.02 kg	red	100
DL2034Y	8"	203 X 4.0MM	34.02 kg	yellow	100
DL2034C	8"	203 X 4.0MM	34.02 kg	assorted	100



### Coloured releasable cable ties

- Material: nylon 6.6 UL94V-2
- Other sizes on request (min. quantities apply)

Code	Size	Size (mm)	Tensile kg	Colour	Pack Qty.
2794-blu	11"	279 x 4.0	34.02 kg	blue	100
2794-gre	11"	279 x 4.0	34.02 kg	green	100
2794-gry	11"	279 x 4.0	34.02 kg	grey	100
2794-ora	11"	279 x 4.0	34.02 kg	orange	100
2794-pur	11"	279 x 4.0	34.02 kg	purple	100
2794-pin	11"	279 x 4.0	34.02 kg	pink	100
2794-red	11"	279 x 4.0	34.02 kg	red	100
2794-whi	11"	279 x 4.0	34.02 kg	white	100
2794-yel	11"	279 x 4.0	34.02 kg	yellow.	100
3564-blu	14"	356 x 4.0	34.02 kg	blue	100
3564-gre	14"	356 x 4.0	34.02 kg	green	100
3564-gry	14"	356 x 4.0	34.02 kg	grey	100
3564-ora	14"	356 x 4.0	34.02 kg	orange	100
3564-pur	14"	356 x 4.0	34.02 kg	purple	100
3564-pin	14"	356 x 4.0	34.02 kg	pink	100
3564-red	14"	356 x 4.0	34.02 kg	red	100
3564-whi	14"	356 x 4.0	34.02 kg	white	100
3564-yel	14"	356 x 4.0	34.02 kg	yellow.	100



### Colour florescent double-lock cable ties

- Superior strength & reliability
- Flame retardant UL94 V-2
- Nylon 6.6
- Comply with military specifications ( Mil. spec. 3367/-S-23190 )

Code	Size"	Size (mm)	Colour	Tensile kg	Tensile lbs	Pack Qty.
DL20340FB	8"	203 x 4.0	fluorescent blue	34.02 kg	45 lbs	100
DL20340FG	8"	203 x 4.0	fluorescent green	34.02 kg	45 lbs	100
DL20340FO	8"	203 x 4.0	fluorescent orange	34.02 kg	45 lbs	100
DL20340FP	8"	203 x 4.0	fluorescent pink	34.02 kg	45 lbs	100
DL20340FY	8"	203 x 4.0	fluorescent yellow	34.02 kg	45 lbs	100
DL20340AFC	8"	203 x 4.0	fluorescent assorted	34.02 kg	45 lbs	120



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## Multi-lock stainless steel & roller boll stainless steel cable ties

### Multi-lock type stainless steel (Self-locking)

- 316 Marine grade stainless steel
- Corrosion, fire and UV-resistant

Code	Size	Max bundle	Min strength	Pack Qty.
MST207	200x7mm	50mm	32kg	100
MST257	250x7mm	75mm	32kg	100
MST367	360x7mm	102mm	32kg	100
MST3612	360x12mm	102mm	50kg	50
MST4512	450x12mm	144mm	50kg	50



### Multi-lock type stainless steel (Polyester coated self-locking)

- 316 Marine grade stainless steel
- Corrosion, fire and UV-resistant

Code	Size	Max bundle	Min strength	Pack Qty.
MSTC207	200x7mm	50mm	32kg	100
MSTC257	250x7mm	75mm	32kg	100
MSTC367	360x7mm	102mm	32kg	100
MSTC3612	360x12mm	102mm	50kg	50
MSTC4512	450x12mm	144mm	50kg	50



### Roller boll type stainless steel (Self-locking)

- 316 Marine grade stainless steel
- Corrosion, fire and UV-resistant

Code	Size	Max bundle	Min strength	Pack Qty.
MSTR1046	100 X 4.6MM	20MM	44kg	100
MSTR1546	150 X 4.6MM	45MM	44kg	100
MSTR2046	200 X 4.6MM	50MM	44kg	100
MSTR3646	360 X 4.6MM	102MM	44kg	100
MSTR5246	520 X 4.6MM	152MM	44kg	100
MSTR2079	200 X 7.9MM	50MM	110kg	50
MSTR3679	360 X 7.9MM	102MM	110kg	50
MSTR5279	520 X 7.9MM	152MM	110kg	50
MSTR6879	680 X 7.9MM	203MM	110kg	50
MSTR8479	840 X 7.9MM	254MM	110kg	50
MSTR10079	1000X7.9MM	303MM	110kg	50



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LIGHTING & ELECTRICAL TECHNOLOGIES

## Releasable ties, slotted ties, automotive ties, marker ties, push mount, bubble ties & mountable head ties

### Releasable cable ties

- Material: nylon 6.6, UL94V-2
- Other colours on request (min. quantity applies)



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
20048NR	200 mm	4.8 mm	natural	55 mm	22 kg	100
15076NR	150 mm	7.6 mm	natural	35 mm	22 kg	100
20076NR	200 mm	7.6 mm	natural	50 mm	22 kg	100
30076NR	300 mm	7.6 mm	natural	80 mm	22 kg	100

### Slotted cable ties

- Black UV-resistant
- Material: NYLON 6.6, UL94V-2
- Other colours on request (min. quantity applies)



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
18036NS	180 mm	3.6 mm	natural	45 mm	18 kg	100
18036BS	180 mm	3.6 mm	black	45 mm	18 kg	100
28036NS	280 mm	3.6 mm	natural	76 mm	18 kg	100
28036BS	280 mm	3.6 mm	black	76 mm	18 kg	100

### Automotive cable ties

- Material: NYLON 6.6
- Specially developed for the automotive industry (require only 1 hole for mounting)



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
A30261B	302 mm	6.1mm	black	85 mm	30 kg	100

### Marker ties

- Material: NYLON 6.6, UL 94V-2
- Can be marked with indelible marker pens



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
MT9825N	98 mm	2.5 mm	natural	20 mm	8.1 kg	100
MT11025N	110 mm	2.5 mm	natural	20 mm	8.1 kg	100

### Marker ties

- Material: NYLON 6.6, UL 94V-2
- Can be marked with indelible marker pens
- Other colours on request (min. quantity applies)



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
MT19448N	194 mm	4.8 mm	natural	45 mm	22.2 kg	100
MT27548N	275 mm	4.8 mm	natural	68 mm	22.2 kg	100
MT34548N	345 mm	4.8 mm	natural	92 mm	22.2 kg	100

### Push mount ties

- Material: NYLON 6.6, UL 94V-
- Other colours on request (min. quantity applies)
- Hole dia. 4.8 mm (3/16")



Code	Length	Width	Colour	Max. Bundle	Strength min	Pack Qty.
PMT200N	200 mm	4.8 mm	natural	50 mm	22.2 kg	100
PMT200B	200 mm	4.8 mm	black	50 mm	22.2 kg	100

### Bubble ties

- Material: NYLON 6.6, UL 94V-2
- Other colours on request (min. quantity applies)



Code	Width	Colour	Max bundle	Pack qty
130NB	130 mm	natural	33 mm	100
200NB	200 mm	natural	53 mm	100

### Mountable head ties

- UL-approved Nylon 6.6,
- Self-extinguishing UL 94 V-2



Code	Length	Width	Colour	Max. Bundle	Min.Tensile	Pack Qty
MH15236N	152 mm	3.6 mm	natural	32	18.2	100
MH20548N	205 mm	4.8 mm	natural	54	22.2	100

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Cable clamps, twist locks, cable clips, wall anchors

Cable clamps (P-clips)

- Material: NYLON 6.6
- Other colours on request (min.quantity applies)

Code	Diameter	Width	Colour	Hole Size	Pack Qty
PC1/8N	3.2 mm (1/8")	9.5 mm	natural	5 mm <sup>2</sup>	100
PC1/8B	3.2 mm (1/8")	9.5 mm	black, UV-resistant	5 mm <sup>2</sup>	100
PC3/16N	4.8 mm (3/16")	9.5 mm	natural	5 mm <sup>2</sup>	100
PC3/16B	4.8 mm (3/16")	9.5 mm	black, UV-resistant	5 mm <sup>2</sup>	100
PC1/4N	6.4 mm (1/4")	9.5 mm	natural	5 mm <sup>2</sup>	100
PC1/4B	6.4 mm (1/4")	9.5 mm	black, UV-resistant	5 mm <sup>2</sup>	100
PC5/16N	7.9 mm (5/16")	10 mm	natural	5 mm <sup>2</sup>	100
PC3/8N	9.5 mm (3/8")	9.5 mm	natural	5 mm <sup>2</sup>	100
PC3/8B	9.5 mm (3/8")	9.5 mm	black, UV-resistant	5 mm <sup>2</sup>	100
PC1/2N	12.7 mm (1/2")	12.7 mm	natural	5 mm <sup>2</sup>	100
PC1/2B	12.7 mm (1/2")	12.7 mm	black, UV-resistant	5 mm <sup>2</sup>	100
PC5/8N	15.8 mm (5/8")	12 mm	natural	5 mm <sup>2</sup>	100
PC3/4N	19 mm (3/4")	12 mm	natural	5 mm <sup>2</sup>	100
PC1N	25.4 mm (1")	12 mm	natural	5 mm <sup>2</sup>	100
PC11/4N	32 mm (1 1/4")	12 mm	natural	5 mm <sup>2</sup>	100



Cable twist locks

- Material: POLYTHENE

Code	Max. diameter	Max. width	Colour	Pack Qty
RTT 23N	4mm <sup>2</sup>	2mm <sup>2</sup>	natural	100
RTT 26N	7mm <sup>2</sup>	2mm <sup>2</sup>	natural	100
RTT 30N	10.5mm <sup>2</sup>	2mm <sup>2</sup>	natural	100
TSA50	50 mm	10M	black	100



Cable clip

- Material: POLYTHENE

Code	Max. length	Max. width	Colour	Pack Qty
6890	25mm	20mm	grey	100
6860	19mm	19mm	grey	100



Wall anchors

- Material: PVC 6

Code	Extern Diameter	Internal Diameter	Screw size	Colour	Pack Qty
WA4	4 mm	20 mm	2 - 3 mm	grey	100
WA5	5 mm	25 mm	2.5 - 4 mm	grey	100
WA6	6 mm	30 mm	3.5 - 5 mm	grey	100
WA8	8 mm	40 mm	4.5 - 6 mm	grey	100
WA10	10 mm	50 mm	6 - 8 mm	grey	100
WA12	12 mm	60 mm	8 - 10 mm	grey	100



## Re-usable spiral binding , Lume tube ( split type) & continuous grommet

### Re-usable spiral binding

- Material: Polythene
- Other colours on request (min. quantity applies)

Code	Extern Diameter	Internal Diameter	Width	Colour	Coil Length
SB4N	6.4 mm (1/4")	4.3 mm <sup>2</sup>	7.1 mm	natural	10 m
SB4B	6.4 mm (1/4")	4.3 mm <sup>2</sup>	7.1 mm	black	10 m
SB7N	9.5 mm (3/8")	7.1 mm <sup>2</sup>	8.2 mm	natural	10 m
SB7B	9.5 mm (3/8")	7.1 mm <sup>2</sup>	8.2 mm	black	10 m
SB9N	12.7 mm (1/2")	9.1 mm <sup>2</sup>	10.7 mm	natural	10 m
SB9B	12.7 mm (1/2")	9.1 mm <sup>2</sup>	10.7 mm	black	10 m
SB12N	15.8 mm (5/8")	12.7 mm <sup>2</sup>	15 mm	natural	10 m
SB12B	15.8 mm (5/8")	12.7 mm <sup>2</sup>	15 mm	black	10 m
SB15N	19 mm (3/4")	15.2 mm <sup>2</sup>	19 mm	natural	10 m
SB15B	19 mm (3/4")	15.2 mm <sup>2</sup>	19 mm	black	10 m
SB20N	25.4 mm (1")	20.1 mm <sup>2</sup>	19.6 mm	natural	10 m
SB20B	25.4 mm (1")	20.1 mm <sup>2</sup>	19.6 mm	black	10 m



### Lume tube ( split type)

- Material: POLYTHENE

Code	Description	Colour	Pack Qty
LT11	Lume tube (split) ID 10.5mm	BLACK	10m coil
LT13	Lume tube (split) ID 13mm	BLACK	10m coil
LT15	Lume tube (split) ID 15mm	BLACK	10m coil
LT20	Lume tube (split) ID 20mm	BLACK	10m coil
LT25	Lume tube (split) ID 25mm	BLACK	10m coil
LT28	Lume tube (split) ID 28mm	BLACK	10m coil



### Continuous grommet

- Material: POLYTHENE

Code	Description	Colour	Pack Qty
CG1	Continuous grommeting / bushing	clear	10m coil
CG1.6	Continuous grommeting / bushing	clear	10m coil
CG2	Continuous grommeting / bushing	clear	10m coil
CG2.4	Continuous grommeting / bushing	clear	10m coil
CG3.2	Continuous grommeting / bushing	clear	10m coil



## NOTES

This image shows a full page of blank, lined paper. It features approximately 30 horizontal black lines spaced evenly across the page, typical of notebook or legal stationery. The lines are thin and extend from the left edge towards the right. There are no margins, text, or other markings on the page.

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Standard & high temperature terminal block

Standard terminal block

- Material: Polyamide 6 PA6
- Self extinguishing
- Working temperature at 100C°

Code	Poles	Cable size	Current	Voltage	Insert
HE1	12pole	1-2.5mm <sup>2</sup>	6A	400V	tinned brass
HE1WPR	12pole wire protected	1-2.5mm <sup>2</sup>	6A	400V	tinned brass
HE2L	12pole	1.5-4mm <sup>2</sup>	10A	400V	tinned brass
HE4WPR	12pole wire protected	2.5-4mm <sup>2</sup>	10A	500V	tinned brass
HE4	12pole	2.5-4mm <sup>2</sup>	10A	500V	tinned brass
HE6	12pole	4-6mm <sup>2</sup>	16A	500V	tinned brass
HE10	12pole	6-10mm <sup>2</sup>	25A	500V	tinned brass
HE16	12pole	10-16mm <sup>2</sup>	35-63A	500V	tinned brass



Standard terminal block with brass insert screw

- Material: Polyamide 6 PA6
- Self extinguishing / working temperature at 100C°
- Increased insulation

Code	Poles	Cable size	Current	Voltage	Insert
HE1B	12pole	1-2.5mm <sup>2</sup>	6A	400V	brass
HE4B	12pole	2.5-4mm <sup>2</sup>	10A	500V	brass
HE6B	12pole	4-6mm <sup>2</sup>	16A	500V	brass
HE10B	12pole	6-10mm <sup>2</sup>	35-63A	500V	brass



Standard black terminal block

- Material: PVC V2 (UL94)
- Standard insert nickel plated brass Ms58
- Temperature rating -5°C to 85°C

Code	Poles	Cable size	Current	Voltage	Insert
1004-VN	12pole	3mm <sup>2</sup>	17.5A	380V	nickel plated brass
1006-VN	12pole	3.2mm <sup>2</sup>	24A	380V	nickel plated brass
1010-VN	12pole	4mm <sup>2</sup>	32A	380V	nickel plated brass
1016-VN	12pole	6mm <sup>2</sup>	57A	380V	nickel plated brass



Noryl terminal block

- Material: noryl V0 150 PP0
- Temperature rating -5°C to 150°C self extinguishing

Code	Poles	Cable size	Current	Voltage	Insert
HE2L noryl	12pole	1,5-4mm <sup>2</sup>	10A	400V	tinned brass
HE6N noryl	12pole	4-6mm <sup>2</sup>	16A	500V	tinned brass



Stanyl terminal block

- Material: stanyl PA46
- Temperature rating -5°C to 165°C self extinguishing

Code	Poles	Cable size	Current	Voltage	Insert
HE2I stanyl	12pole	1,5-4mm <sup>2</sup>	10A	400V	tinned brass
HE6N stanyl	12pole	4-6mm <sup>2</sup>	16A	500V	tinned brass



Standard terminal block with raised base

- Material: Polyamide 6 PA6
  - Self extinguishing (working temperature at 100°)
  - Increased insulation
- WPR = wire protected

Code	Poles	Cable size	Current	Voltage	Insert type
HE2N	12pole	1.5-4mm <sup>2</sup>	10A	400V	tinned brass
HE4HN WPR	12pole wire protected	2.5-4mm <sup>2</sup>	10A	500V	tinned brass
HE6N	12pole	4-6mm <sup>2</sup>	16A	500V	tinned brass
HE6N WPR	12pole wire protected	4-6mm <sup>2</sup>	16A	500V	tinned brass
HE10H	12pole	6-10mm <sup>2</sup>	35-63A	500V	tinned brass
HE10H WPR	12pole wire protected	6-10mm <sup>2</sup>	35-63A	500V	tinned brass
HE16H	12pole	8-16mm <sup>2</sup>	35-63A	500V	tinned brass
HE16H WPR	12pole wire protected	8-16mm <sup>2</sup>	35-63A	500V	tinned brass



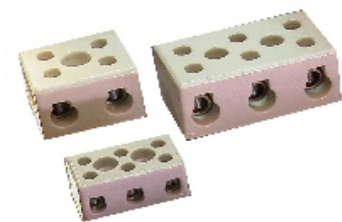
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High temperature porcelain connector, TB series terminal- block & plug-in terminal strips

Porcelain connector block for high temperature applications

- With copper conductors
- Suit high temperatures installations
- Insulating body: Porcelain (according to DIN40685)
- Insert: nickel plated brass Ms58
- Screw: zinc-plated steel CQ-15



Code	Max temp.	Max insert temp	Max Volt	Max Amp	Pole	Insert max.
B10-1E	1000°C	350°C	450V	24A	1 pole	3.2 mm <sup>2</sup>
B10-2E	1000°C	350°C	450V	24A	2 pole	3.2 mm <sup>2</sup>
B10-3E	1000°C	350°C	450V	24A	3 pole	3.2 mm <sup>2</sup>
B16-2E	1000°C	350°C	450V	57A	2 pole	6 mm <sup>2</sup>
B16-3E	1000°C	350°C	450V	57A	3 pole	6 mm <sup>2</sup>

TB series terminal block

- Suit high temperatures installations
- Insulating body: polyamide 6
- Insert: nickel plated brass Ms58
- Screw: zinc-plated steel CQ-15 with metric thread

Code	Max temp.	Max Volt	Max Amp	Pole	Insert max.
TB25	100°C	750V	125A	12 pole	25mm
TB25N	100°C	750V	125A	12 pole	25mm
TB35N	100°C	750V	125A	12 pole	35mm



Plug-in terminal strip

- Insulating body: polyamide 6, natural colour
- Male and female inserts: nickel plated brass Ms58
- Screws: zinc-plated steel CQ-15

Code	Max temp.	Max Volt	Max Amp	Pole	Insert
HE42S ST	100°C	450V	10A	12 pole	male
HE42S BU	100°C	450V	10A	12 pole	female
HE62S ST	100°C	450V	16A	12 pole	male
HE62S BU	100°C	450V	16A	12 pole	female



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## Insulated terminal cover, 3 pole terminals, fused terminal strips, connector clamps, distributor & connector boxes

### Snap on insulated cover

- Touch safe cover and easy to attach (terminal block separately sold)



Code	Temperature	Pole	Cable size
HE4/3	100°C	3pole	2.5-4mm <sup>2</sup>
HE4/5	100°C	5pole	2.5-4mm <sup>2</sup>
HE6/3	100°C	3pole	4-6mm <sup>2</sup>
HE6/5	100°C	5pole	4-6mm <sup>2</sup>

### Pre-cut 3 pole terminals

- Self extinguishing /working temperature at 100°



Code	Temperature	Poles	Cable size	Current	Voltage	Insert
HE4HWPR3	100°C	3 pole	2.5-4mm <sup>2</sup>	10A	500V	tinned brass

### Fuse terminal strips(10A)

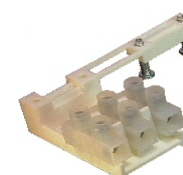
- Self extinguishing, working temperature at 100°



Code	Temperature	Pole	Cable size	Material	Voltage	Insert
1106F1P	100°C	1pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	nickel plated bras
1106F2P	100°C	2pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	nickel plated bras
1106F3P	100°C	3pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	nickel plated bras
1106F4P	100°C	4pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	nickel plated bras
1106F5P	100°C	5pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	nickel plated bras

### Connector clamp

- PT 3 x 16 self tapping Philips pan head screw



Code	Temperature	Pole	Cable size	Material	Voltage	Insert
HE435	100°C	3pole	2.5-4mm <sup>2</sup>	polyamide 6	400V	tinned brass

### Distributor box

- 10Amp connector box with earth connection



Code	Temperature	Pole	Cable size	Material	Voltage	Insert
HE253	110°C	3pole	3x2,5mm <sup>2</sup>	polyamide 6	400V	tinned brass

### Connector box

- Equipped with 10Amp 2-pole terminal block (HE2)



Code	Temperature	Pole	Cable size	Material	Voltage	Insert
HE251	100°C	2pole	2x1.5mm <sup>2</sup>	polyamide 6	250V	tinned brass

### Connector box

- Equipped with 2pole terminal block HE2 10Amp



Code	Temperature	Pole	Cable size	Material	Voltage	Insert
HE112	100°C	2pole	2x1.5mm <sup>2</sup>	polyamide 6	250V	tinned brass

## NOTES

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## 2-1 DERAY® -H thin-walled & 2-1 ZUT thin-walled heat shrink

### 2-1 shrink ratio

#### DERAY® -H (thin-walled heat shrinkable tubing)

- Operating temperature: -55°C to 125°C
- Shrink ratio 2:1 (self-extinguishing)
- Dielectric strength: 20kV/mm,
- Tensile strength: 10.5MPa min
- Complies with (VDE 0530)/MIL-1-23053/5 class 1/ ISO 846
- Isolations class E

#### Available colours

- Red, • Blue, • Clear, • Green, • Black,
- Yellow, °White



Code	Normal mm	Normal in"	Wall thickness	Wall recovered	Colour	Length	Spools
DH1.2	1.2mm	3/64"	0.2mm	0.40mm	•	1.22m	100m,400m
DH1.6	1.6mm	1/16"	0.2mm	0.40mm	•••••	1.22m	97m,400m
DH2.4	2.4mm	3/32"	0.25mm	0.50mm	•••••	1.22m	92m,400m
DH3.2	3.2mm	1/8"	0.25mm	0.50mm	•••••	1.22m	86m,400m
DH4.8	4.8mm	3/16"	0.25mm	0.50mm	•••••	1.22m	70m,300m
DH6.4	6.4mm	1/4"	0.30mm	0.60mm	•••••	1.22m	56m,300m
DH9.5	9.5mm	3/8"	0.30mm	0.60mm	•••••	1.22m	46m,150m
DH12.7	12.7mm	1/2"	0.30mm	0.60mm	•••••	1.22m	39m,100m
DH19	19.0mm	3/4"	0.40mm	0.80mm	•••••	1.22m	29m,50m
DH25.4	25.4mm	1"	0.45mm	0.90mm	•••••	1.22m	19m,50m
DH31.8	31.8mm	1 1/4"	0.45mm	0.90mm	•••••	1.22m	14m,50m
DH38	38.0mm	1 1/2"	0.50mm	1.00mm	•••••	1.22m	11m,50m
DH51	51.0mm	2"	0.55mm	1.10mm	•••••	1.22m	50m
DH76	76.0mm	3"	0.65mm	1.30mm	•••••	1.22m	25m
DH102	102.0mm	4"	0.70mm	1.40mm	•••••	1.22m	25m

### 2-1 shrink ratio

#### ZUT heat shrink tubing

- Operating temperature: -55°C to 105°C
- Dielectric strength: 16kV/mm,
- Insulation resistance: P1x10<sup>10</sup>Ω/cm
- Tensile strength: 12MPa min
- Complies with AS3100: 1990, AS2420

#### Available colours

- R, • BLU, • VI, • CL
- GRE, • BLK, • Yel, • OR, • GRY, °WHITE



Code	Normal mm	Shrunk mm	Wall recovered	Wall thickness	Colour	Length	Shrink ratio
RC1.6	1.6mm	0.8mm	0.4mm	standard	•••••	1m	2 to 1
RC2.4	2.4mm	1.2mm	0.51mm	standard	•••••	1m	2 to 1
RC3.2	3.2mm	1.6mm	0.51mm	standard	•••••	1m	2 to 1
RC4.8	4.8mm	2.4mm	0.51mm	standard	•••••	1m	2 to 1
RC6.4	6.4mm	3.2mm	0.64mm	standard	•••••	1m	2 to 1
RC8	8mm	2mm	0.76mm	standard	•••••	1m	4 to 1
RC9.5	9.5mm	4.8mm	0.64mm	standard	•••••	1m	2 to 1
RC12.7	12.7mm	6.4mm	0.64mm	standard	•••••	1m	2 to 1
RC19	19mm	9.5mm	0.76mm	standard	•••••	1m	2 to 1
RC25.4	25.4mm	12.7mm	0.89mm	standard	•••••	1m	2 to 1
RC38	38mm	19mm	1.02mm	standard	•	1m	2 to 1
RC51	51mm	25.5mm	1.14mm	standard	•	0.8m	2 to 1

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## 3-1 DERA Y® -I3000 medium-walled heat shrink & DERA Y heat shrink tubing kits

### 3-1 shrink ratio

#### DERA Y® -I300 heat shrink tubing

Suitable for mechanical, electrical applications (VDE05 30)

- Operating temperature: -55°C to 125°C
- Shrink ratio 3:1 (self-extinguishing)
- Dielectric strength: 20kV/mm,
- Tensile strength: 10.5MPa min
- Complies with (VG95343) part05, typeA&B), MIL-1-23053/5 class 1/2
- Insulation class B



#### Available colours

- Red, •White, •Blue, •Clear, •Black, •Yellow,

Code	Normal mm	Shrunk mm	Wall thickness	Wall recovered	Colour	Length	Shrink ratio
DI30001.5	1.6mm	0.5mm	0.15mm	0.45mm	•••••	1.22m	3 to 1
DI30003	3.2mm	1mm	0.18mm	0.55mm	•••••	1.22m	3 to 1
DI30004	4.8mm	1.5mm	0.20mm	0.60mm	•••••	1.22m	3 to 1
DI30006	6.4mm	2mm	0.22mm	0.65mm	•••••	1.22m	3 to 1
DI30009	9.5mm	3mm	0.25mm	0.75mm	•••••	1.22m	3 to 1
DI300012	12.7mm	4mm	0.25mm	0.75mm	•••••	1.22m	3 to 1
DI300018	19mm	6mm	0.27mm	0.85mm	•••••	1.22m	3 to 1
DI300025	25mm	8mm	0.33mm	1.00mm	•••••	1.22m	3 to 1
DI300039	39mm	13mm	0.38mm	1.15mm	•••••	1.22m	3 to 1

#### DERA Y heat shrink tubing kits

- Custom kits available on request
- Mobile field kit available

Code	Type	Colour	Size	Box size mm
DSG16A	Deray-H	assorted	2.4-9.5mm	188x116x35
S16A1	Deray-H	assorted	2.4mm	refill bag
S16A2	Deray-H	assorted	3.2mm	refill bag
S16A3	Deray-H	assorted	4.8mm	refill bag
S16A4	Deray-H	assorted	6.4mm	refill bag
S16A5	Deray-H	assorted	9.5mm	refill bag
DSG16A	Deray-H	assorted	2.4-9.5mm	188x116x35
DSG16RB	Deray-H	red, black	2.4-9.5mm	188x116x35
DSG22A	Deray-H	assorted	1.6-19mm	257x180x42
DSG22RB	Deray-H	red, black	1.6-19mm	257x180x43
DSG33A	Deray-H	assorted	3.2-19mm	257x180x44
DSG33RB	Deray-H	red, black	3.2-19mm	257x180x45
DSG18	Deray-IAKT	black	4.0-19mm	257x180x46



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## 3-1 DERAY® IC 300 KT heavy walled, DERAY® -IAKT medium walled & ZUT heavy walled adhesive lined heat shrinkable tubing

### 3-1 shrink ratio

#### DERAY® IC 300 KT heavy walled shrinkable tubing

- Suitable for mechanical, electrical, thermal, under ground and marine
- Modified & adhesive lined polyethylene,
- Radiation cross linked 10KV/mm
- Operating temperature: -40C° up to +135C° (adhesive -40C° up to +100C°)
- Heavy walled for extreme applications
- Complies with VG59343 (part05, type H) standard
- VDE reg no 114349106 and SNCF approved

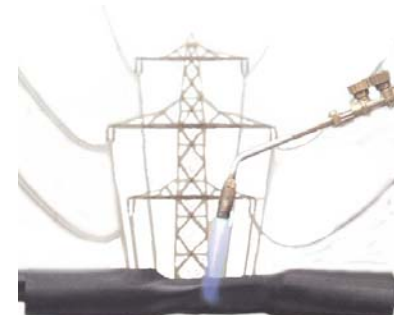


Code	Normal mm	Shrunk mm	Wall mm	Wall thickness	Length	Shrink ratio
DIC300KT12/3	12mm	3mm	0.60mm	2.0mm	1.2m	3 to 1
DIC300KT16/4	16mm	4mm	0.60mm	2.20mm	1.2m	4 to 1
DIC300KT22/6	22mm	6mm	0.80mm	2.60mm	1.2m	5 to 1
DIC300KT33/8	33mm	8mm	0.80mm	3.20mm	1.2m	6 to 1
DIC300KT45/12	45mm	12mm	1.20mm	3.90mm	1.2m	7 to 1
DIC300KT55/15	55mm	15mm	1.25mm	4.10mm	1.2m	8 to 1
DIC300KT75/20	75mm	20mm	1.30mm	4.30mm	1.2m	9 to 1

### 3-1 shrink ratio

#### DERAY® -IAKT medium walled & adhesive lined shrinkable tubing

- Suitable for mechanical, electrical, thermal applications
- Modified & adhesive lined polyethylene, self-extinguishing
- Radiation cross linked 20KV/mm
- Operating temperature: -55C° up to +135C°
- Flexible medium walled for effective moisture-resistant insulation
- Complies with MIL-I-23053/4(BLACK) and AMS3694 standard
- VDE 0303 part 2/3 DIN53483/page 2&3 ISO 0472



Code	Normal mm	Shrunk mm	Wall mm	Wall thickness	Length	Shrink ratio
DAIKT3/1	3.0mm	1.0mm	0.40mm	1.0mm	1.22m	3 to 1
DAIKT4.5/1.5	4.5mm	1.5mm	0.50mm	1.1mm	1.22m	3 to 1
DAIKT6/2	6.0mm	2.0mm	0.50mm	1.2mm	1.22m	3 to 1
DAIKT8/2	8.0mm	2.0mm	0.50mm	1.2mm	1.22m	3 to 1
DAIKT9/3	9.0mm	3.0mm	0.50mm	1.4mm	1.22m	3 to 1
DAIKT12/4	12.0mm	4.0mm	0.6mm	1.7mm	1.22m	3 to 1
DAIKT19/6	19.0mm	6.0mm	0.6mm	2.1mm	1.22m	3 to 1
DAIKT24/8	24.0mm	8.0mm	0.7mm	2.4mm	1.22m	3 to 1
DAIKT40/13	40.0mm	13.0mm	0.7mm	2.4mm	1.22m	3 to 1

### 3-1 shrink ratio

#### ZUT heavy walled, adhesive lined heat shrinkable tubing

- Operating temperature: -55°C to 105°C
- Dielectric strength: 16kV/mm,
- Insulation resistance:  $P1 \times 10^{-12} \Omega/cm$
- Tensile strength: 12MPa min
- Complies with AS3100: 1990, AS2420



Code	Normal mm	Shrunk mm	Wall recovered	Colour	Approx.Length	Shrink ratio
RPK9/3	9mm	3mm	1.75mm	•	1m	3 to 1
RPK12/4	12mm	4mm	2mm	•	1m	3 to 1
RPK18/6	18mm	6mm	2mm	•	1m	3 to 1
RPK25/10	25mm	10mm	2mm	•	1m	3 to 1
RPK32/12	32mm	12mm	2mm	•	1m	3 to 1
RPK40/16	40mm	16mm	2mm	•	1m	3 to 1
RPK52/20	52mm]	20mm	2.2mm	•	0.8m	3 to 1
RPK63/27	63mm	27mm	2.5mm	•	0.8m	3 to 1
RPK80/35	80mm	35mm	2.5mm	•	0.8m	3 to 1
RPK103/45	103mm	45mm	2.5mm	•	0.8m	3 to 1
RPK132/58	132mm	58mm	2.5mm	•	0.8m	3 to 1

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4-1 DERAY® - K heavy walled and 4-1 DERAY® - PTFE Teflon heat shrinkable

4-1 shrink ratio

DERAY® - K heavy walled, adhesive lined heat shrinkable caps

- Operating temperature: -40°C to 100°C
- Dielectric strength: 12kV/mm,
- Tensile strength: 17MPa min



<u>Code</u>	<u>Diameter as supplied mm</u>	<u>Diameter as recovered mm</u>	<u>Wall thickness recovered</u>	<u>Length</u>	<u>Shrink ratio</u>
DK12-4	12mm	4mm	2mm	35mm	4 to 1
DK15-5	15mm	5mm	2mm	35mm	4 to 1
DK22-9V	22mm	9mm	2mm	70mm	4 to 1
DK35-15V	35mm	15mm	2.3mm	100mm	4 to 1
DK55-25	55mm	25mm	2.7mm	150mm	4 to 1
DK75-32V	75mm	32mm	4mm	170mm	4 to 1
DK100-45V	100mm	45mm	4mm	185mm	4 to 1
DK110-75	110mm	75mm	3.6mm	160mm	4 to 1

4-1DERAY® - PTFE Teflon thin walled, heat shrinkable tubing

- Operating temperature: -65°C to 260°C
- Dielectric strength: 24kV/mm,
- Tensile strength: 17MPa min
- insulation class C (VDE 05 30 )



<u>Code</u>	<u>Normal mm</u>	<u>Shrunk mm</u>	<u>Wall thickness recovered</u>	<u>Colour</u>	<u>Approx.Length</u>	<u>Shrink ratio</u>
DPTFE5/64	1.98MM	0.64mm	0.23mm	clear	1.22m	4 to 1
DPTFE3/32	2.36mm	0.80mm	0.25mm	clear	1.22m	4 to 1
DPTFE1/8	3.18mm	0.94mm	0.25mm	clear	1.22m	4 to 1
DPTFE3/16	4.76mm	1.27mm	0.30mm	clear	1.22m	4 to 1
DPTFE1/4	6.35mm	1.60mm	0.30mm	clear	1.22m	4 to 1
DPTFE3/8	9.52mm	2.44mm	0.30mm	clear	1.22m	4 to 1
DPTFE1/2	12.70mm	3.66mm	0.38mm	clear	1.22m	4 to 1
DPTFE5/8	15.88mm	4.52mm	0.38mm	clear	1.22m	4 to 1
DPTFE3.4	19.05mm	5.70mm	0.38mm	clear	1.22m	4 to 1

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## Soldering irons, soldering iron tips, soldering iron heaters

### Soldering irons

- High quality polish manufactured soldering irons that are made to last
- Comply with international standards

Code	Description	Watt
SPJ25	soldering iron	25W
SPJ40	soldering iron	40W
SPJ100	soldering iron	100W
SPJ160	soldering iron	160W
SPJ200	soldering iron	200W



### Soldering iron tips

- High quality polish manufactured soldering irons replacement tips that are made to last
- Comply with international standards

Code	Description	Watt
SPJ25	soldering tip	25W
SPJ40	soldering tip	40W
SPJ100	soldering tip	100W
SPJ160	soldering tip	160W
SPJ200	soldering tip	200W



### Soldering iron heaters

- High quality polish manufactured soldering irons replacement heaters that are made to last
- Comply with international standards

Code	Description	Watt
SPJ25	replacement hea	25W
SPJ40	replacement hea	40W
SPJ100	replacement hea	100W
SPJ160	replacement hea	160W
SPJ200	replacement hea	200W



### 60/40 Resin core solder (0.5Kg reels)

- High quality, complies with BS219, 60% tin 40% lead.
- Manufactured with type 39 non-corrosive electrical flux

Code	Diameter	AWG	Weight
SS507	0.71	22	0.5kg
SS510	0.91	20	0.5kg
SS512	1.21	18	0.5kg
SS516	1.6	16	0.5kg
SS525	2.3	13	0.5kg



### Soldering flux

- General purpose zinc ammonia chloride

Code	Qty.
SF1	100ml

### Soldering flux

- Electronic & electrical, resin based

Code	Qty.
SF2	100ml

### Tinning paste

- Capolloy tinning paste for bus bars and similar projects. (on request)



PIB self amalgamating tape & 203E-Genral purpose PVC insulation tape 60/40 resin core solder, soldering flux & tinning paste

PIB self amalgamating tape

- Moisture and chemical resistant
- Ozone resistant
- High resistance against voltage breakdown

Code	Width	Voltage	Length	Colour	Pack Qty.
TSA19	19mm		10m	black	1
TSA25	25mm		10m	black	1
TSA50	50mm		10m	black	1



203E-Genral purpose PVC insulation tape

- Lead free
- Excellent insulation and adhesion
- Resistance to temp. extremes.
- 20m length

Code	Width	Length	Colour	Voltage	Pack Qty.
N203R	18mm	20m length	red	10.5kv	10
N203G	18mm	20m length	green	10.5kv	10
N203Y	18mm	20m length	yellow	10.5kv	10
N203W	18mm	20m length	white	10.5kv	10
N203BK	18mm	20m length	black	10.5kv	10
N203BL	18mm	20m length	blue	10.5kv	10
N203OR	18mm	20m length	orange	10.5kv	10
N203GY	18mm	20m length	grey	10.5kv	10
N203RP	18mm	20m length	rainbow pack	10.5kv	10
N203GY	18mm	20m length	green/yellow	10.5kv	10



Other sizes and colours on request

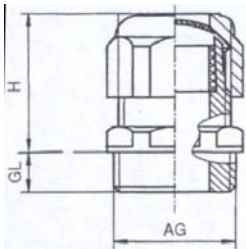
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Standard cable glands, EEX & nickel plated cable glands

Standard cable glands

- Nylon 6.6, IP 68, Shutter type,
- Comply with AS1939-1990 & IEC529/1989
- Flame resistant, self-extinguishing
- Temperature resistant -40°C up to + 90°C

Code	Thread	Cable Dia.	Pack Qty
CGN12	12mm	3 - 6.5mm	50
CGN16	16mm	5 - 10mm	50
CGN20	20mm	10 - 14mm	35
CGN25	25mm	13 - 18mm	15
CGN32	32mm	18 - 25mm	10
CGN40	40mm	22 - 32mm	5
CGN50	50mm	30 - 38mm	2
CGN63	63mm	34 - 44mm	2



EEX cable glands

- Material: polyamide, flame resistant, self-extinguishing
  - IP68acc, PTB nr Ex-90.C.1004 DIN40050 up to 5 bar
  - Temperature resistant -40°C up to + 90°C
- Grey RAL7035,

Code/ BLACK	Code/GREY	Nominal size	AG	H	GL	Ø - Ø	Pack Qty
51550	51510	12mm	PG7	19MM	9MM	3 - 6.5	50
51551	51511	16mm	PG9	23MM	9MM	5-8.	50
51552	51512	18MM	PG11	24MM	9MM	6-10.	50
51553	51513	19MM	PG13,5	25MM	10MM	6-12.	50
51554	51514	20mm	PG16	27MM	11MM	8-14.	35
51555	51515	25mm	PG21	32MM	11MM	10-18.	25
51556	51516	32mm	PG29	35MM	12MM	17-25	20
51557	51517	40mm	PG36	42MM	14MM	23-32	10
51558	51518	50mm	PG42	44MM	14MM	27-38	5
51519	51519	63mm	PG48	45MM	15MM	32-44	5

Nickel plated cable glands

- Shutter type comply with AS1939-1990 & IEC529/1989
- Nickel-plated brass, IP68 with 2 part sealing
- O-ring out of perbunan, resistant against oil
- Operating temperature -30°C up to +100°C
- Thread acc NTP, G, and metric

Code	Thread	Cable Dia.	Pack Qty
CGB12	12mm	3 - 6mm	25
CGB16	16mm	5 - 10mm	25
CGB20	20mm	8 - 13mm	20
CGB25	25mm	11 - 17mm	15
CGB32	32mm	15 - 21mm	5
CGB40	40mm	19 - 28mm	2
CGB50	50mm	26 - 35mm	2
CGB63	63mm	32 - 42mm	2



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## Voltage detectors, Metal detectors & stud seeker

### Voltage detector

- Detects unseen potential hazards in walls, floors and ceilings
- 100V-500V AC/DC
- Maximum sensitivity
- LED and sound indicator

Code	Height	Wide	Pack Qty
GVD0502	125mm	35mm	1



### Voltage and Metal detector

Excellent for use before drilling ,nailing or cutting

Use to locate electrical wiring metal plumbing, gas lines ,screws nails and other metal objects

- Detects unseen potential hazards in walls, floors and ceilings
- 100V-500V AC/DC
- Maximum sensitivity
- LED and sound indicator

Code	Height	Wide	Pack Qty
GPD0902	135mm	78mm	1



### Stud seeker

- Excellent for locating metal studs panelling, plywood and flooring up to 3/4" thick
- Compact size
- Detects unseen potential hazards in walls, floors and ceilings
- Durable ABS housing
- Maximum sensitivity
- LED indicator

Code	Height	Wide	Pack Qty
GSS-500	140mm	25mm	1



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Contact name:		Order no:	
Delivery address:		Phone:	
Other instructions:		Fax:	

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