

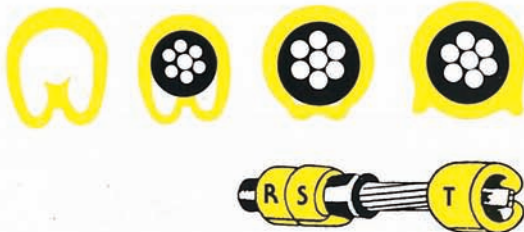


CABLE MARKERS



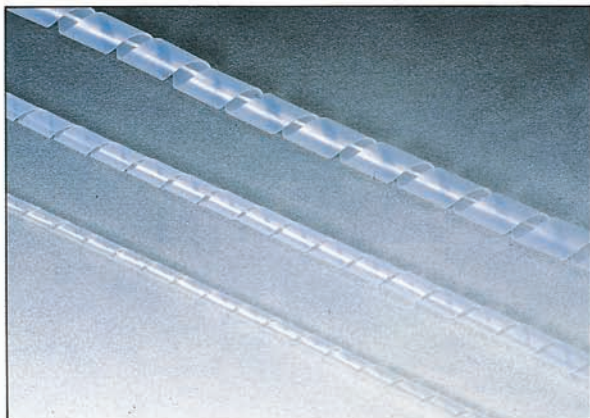
EC TYPE CABLE MARKER

- Marker tongue spans to fit various cable diameters and retracts to hold wires firmly in position
- Maximum service temperature: 85°C
- MATERIAL
Made of finest soft grade, strong, durable P.V.C. that will resist oil, grease, acid, abrasion and chemicals.
- Description
EC type cable marker features high quality flexible interior to fit various cable diameters.
- The markers stay attached on a roller and can be despatched easily when needed.
- Bold print on yellow body to show your codes distinguishably. Any numbers can be composed by arranging letters and numbers in sequence to provide the necessary codes.
- To be fitted before the terminal is attached or solder connection made and grip cables firmly in position.

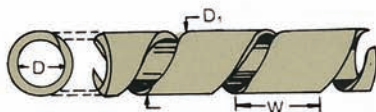


SHAPE	ITEM NO	DIA. RANGE mm MIN.-MAX.	STANDARD MARKING	STANDARD	COLOR
PLAIN CUT	T-0	2.0-3.2	Solid No. Or Letter Per Roll For 0,1,2,3,...,9 A,B,...,Z +, -, = (earth) Blank, / (Slant)	1000pcs	Yellow Body With Black Print White Body Available
	T-1	3.0-5.2		1000pcs	
	T-2	3.6-7.4		500pcs	
	T-3	5.2-10.0		250pcs	

SPIRAL WRAPPING BAND

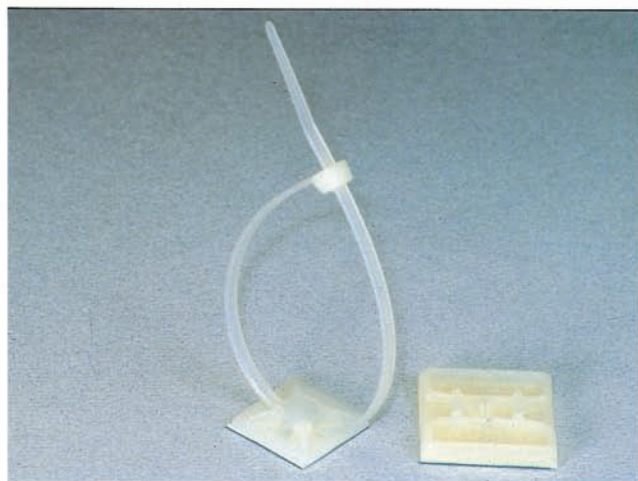


- MATERIAL:
Made from P.E. material. Excellent in insulation and binding strength.
- COLOR
Standard in natural.
- DESCRIPTION.
Flexible construction encables bands to follow wire ways easily.
- Durable, reusable with retained spiral strength.
- Fix ends of band with cable ties and spiral wire bundles in clockwise direction to complete works.
- Expand spiral range almost without limit.
- Black color available

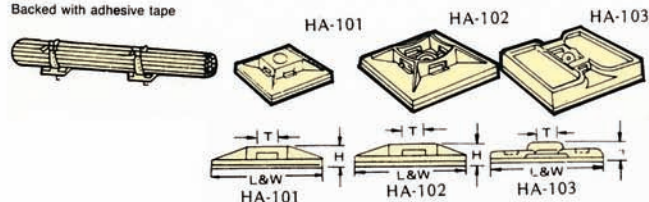


A economical way of cable binding. Easily applied to electric harness cables and wire bundles. Cut-to-fit versatility in convenient roll-form.

mm					
ITEM NO.	D	D1	W	WRAPPING RANGE (mmφ)	PACKING
CS-6	4	6	7.0	10-50	10M per plastic bag
CS-8	6	8	10.8	15-60	
CS-10	7.5	10	11.4	20-60	
CS-12	9	12	13.9	20-65	
CS-15	12	15	15.0	20-70	
CS-19	15	19	18.2	25-100	
CS-24	20	24	19.6	30-130	

GMSCO**SELF-ADHESIVE TIE MOUNTS**

Backed with adhesive tape



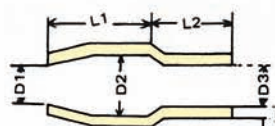
- Material: Constructed of nylon and backed with high quality self-adhesive tape.
- SELF-ADHESIVE TIE MOUNTS is designed to support light weight wire bundles when properly applied on any clean, smooth, grease-free surface. For heavy support, mounting hole is provided for screws.
- To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles.
- To apply with nylon cable ties:
 HA-101: SV-075, 094, 100, 120, 150, 165, 180
 HA-102: SV-075, 094, 100, 120, 150, 165, 180, 200, 250, 280, 310, 385
 HA-103: SV-075, 094, 100, 120, 150, 165, 180, 200, 250, 280, 310, 385
- Black color available

mm

ITEM NO.	L	W	H (WITHOUT TAPE)	MOUNTING HOLE	T	PACKING
HA-101	21	21	3.5	—	4.7	100pcs/bag
HA-102	28	28	4	5.0	5.0	
HA-103	28	28	4	5.0	5.0	

VINYL TUBES

- Material: Soft P.V.C.
- Maximum service temp: 80°C
- For the insulation works of wire end terminal. Performing the work with a simple one-touch to tighten and seal against dirt, moisture and water.
- Standard color: Red, white, green, blue, yellow, black.

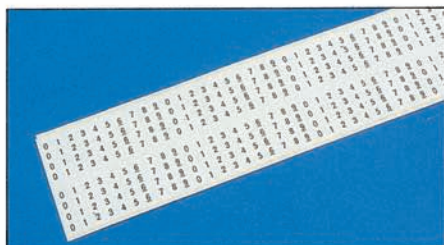


ITEM NO.	WIRE SUITABLE	D1	D2	D3	L1	L2	T	PKG.
P-1.25	600V 1.25mm ² , 1.25mm ² Single	2.8	3.3	3.1	6	7	0.6	100pcs
P-2	600V 2.0mm ² , 2.0mm ² , 1.2mm ² , Single, 1.6mm ² Single	3.3	4.5	3.7	7	7	0.7	
P-3.5	600V 3.5mm ²	4.8	5.7	4.1	9	8	0.8	
P-5.5	600V 5.5mm ² , 2.6mm ² Single	4.8	5.7	5.2	9	8	0.8	
P-8	600V 5.5mm ² 3.2mm ² Single	6.2	7.2	6.2	10	9	1.0	
P-14	600V 14mm ²	8.0	10.0	8.0	13	11	1.1	
P-22	600V 22mm ²	9.5	12.0	9.5	15	14	1.2	
P-38	600V 38mm ²	11.8	14.0	11.8	17	16	1.5	
P-60	600V 60mm ²	13.5	16.8	13.5	20	19	1.5	
P-80	600V 80mm ²	16.0	19.0	16.0	25	21.0	1.6	
P-100	600V 100mm ²	18.0	22.0	18.0	30	24.0	1.7	50pcs
P-125	600V 125mm ²	20.0	24.0	20.0	32	25.0	1.8	
P-150	600V 150mm ²	22.0	24.4	22.0	34	31.0	1.8	
P-200	600V 200mm ²	28.0	32.0	24.0	35	30.0	2.0	
P-250	600V 250mm ²	32.0	36.0	25.0	40	35.5	2.0	25pcs
P-325	600V 325mm ²	34.3	38.0	28.5	40	36.5	2.0	
P-400	600V 400mm ²	43.0	44.0	37.0	45.0	40.0	2.5	
P-500	600V 500mm ²	45.0	50.0	40.5	41.8	45.5	2.5	
P-630	600V 630mm ²	52.0	52.0	45.0	46.0	45.0	2.5	

**GMSCO**

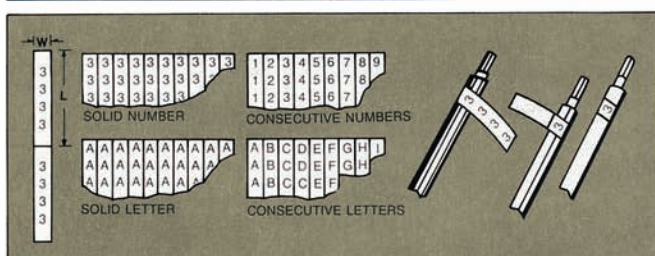


SELF-ADHESIVE WIRE MARKERS (CLOTH TYPE)



- Stick to wires for permanent identification.
- Used extensively for cable diameters after or before terminal is attached.
- Cloth type label.
- For your orders, please specify solid or consecutive and what letter (s), number (s) you need. For example:
Solid: WM-1 1, 2, A, B 10Box each
consecutive: WM-1 0-9, A-Z, ... 10Box each

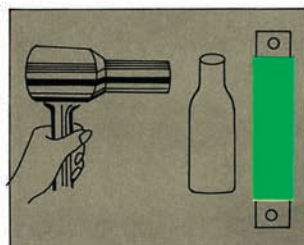
mm



ITEM NO.	L	W	STANDARD MARKINGS	STANDARD PACKING
WM-1	25	6.5	Solid Numbers 0, 1, 2, 3 99, 100. A, B, C Z, +, - Consecutive Numbers 1-34, 35-68, 69-100 A-Z, 0-9.	50pcs/Box
WM-2	25	6.5	blank	50pcs/box
WM-3	40	10	blank	50pcs/box

mm

FLAT HEAT SHRINKING SLEEVE



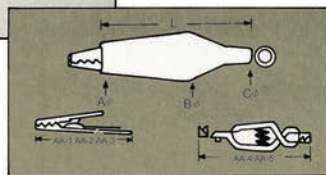
- R: Red W: White B: Blue BK: Black G: Green
- Material: Rigid Shrinkable P.V.C.
 - Used for color distinction and insulation of busbar in controll panel. To be shrunk by blower or hot water.
 - Maximum service temp.: 80°C

ITEM NO.	LAY FLAT DIMENSION	CONVERT TO DIA ϕ	SHRINKABLE RANGE	COLOR	PKG.
ES-6.5	6.5	4.1	6.5~3.6	R.W.B.BK.G	100M Per Roll
ES-8.5	8.5	5.2	8.5~4.5	R.W.B.BK.G	
ES-12	12	7.6	12~6.5	R.W.B.BK.G	
ES-15	15	10	16~8.5	R.W.B.BK.G	
ES-20	20	13	21~11	R.W.B.BK.G	
ES-30	30	19	30~16	R.W.B.BK.G	
ES-40	40	25	40~22	R.W.B.BK.G	
ES-60	60	38	60~33	R.W.B.BK.G	
ES-80	80	50	80~42	R.W.B.BK.G	
ES-100	100	63	100~55	R.W.B.BK.G	
ES-120	120	76	120~65	R.W.B.BK.G	
ES-150	150	95	150~90	R.W.B.BK.G	
ES-170	170	108	170~94	R.W.B.BK.G	
ES-200	200	127	200~110	R.W.B.BK.G	

ALLIGATOR CLIPS & TUBES



REMARKS:
Type AA: Clip with Tube
Type BB: Tube Only



ITEM NO.	L (mm)	C ϕ (mm)	AMPERE (A)	COLOR	PACKING
AA-1	35	3	2	Red Black Color upon Request	100pcs
AA-2	42	3	3		
AA-3	50	4	5		
AA-4	68	4	10		
AA-5	80	5	20		

ITEM NO.	L (mm)	A ϕ (mm)	B ϕ (mm)	C ϕ (mm)	AMPERE (A)	COLOR	PKG.
BB-1	35	5	9	3	2	Red Black Colors Upon Request	100pcs
BB-2	42	6	10	3	3		
BB-3	50	9	13	4	5		
BB-4	68	15	16	4	10		
BB-5	80	15	21	5	20		





HEAT-SHRINKABLE TUBINGS

Gamsco



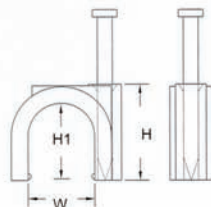
- Cut to requested length available.
- Standard color:Black
- Color available.

Unit:mm

Item No.	As supplied (mm)		After shrinkage (mm)		Packing
125°C UL CSA	Inside diameter (min.)	Wall thickness (nominal)	Inside diameter (max.)	Wall thickness (nominal)	
F32-1	1.0	0.2	0.5	0.33	200M/roll
F32-1.5	1.5	0.2	0.75	0.36	
F32-2	2.0	0.2	1.0	0.44	
F32-2.5	2.5	0.2	1.25	0.44	
F32-3	3.0	0.25	1.5	0.44	
F32-3.5	3.5	0.25	1.75	0.44	
F32-4	4.0	0.25	2.0	0.44	
F32-5	5.0	0.25	2.5	0.56	100M/roll
F32-6	6.0	0.25	3.0	0.56	50M/roll
F32-7	7.0	0.25	3.5	0.56	
F32-8	8.0	0.25	4.0	0.56	
F32-9	9.0	0.25	4.5	0.56	
F32-10	10.0	0.25	5.0	0.56	
F32-11	11.0	0.25	5.5	0.56	
F32-12	12.0	0.25	6.0	0.56	
F32-13	13.0	0.30	6.5	0.69	
F32-14	14.0	0.30	7.0	0.69	
F32-15	15.0	0.30	7.5	0.69	
F32-16	16.0	0.30	8.0	0.69	
F32-18	18.0	0.35	9.0	0.77	
F32-20	20.0	0.35	10.0	0.77	
F32-22	22.0	0.40	11.0	0.77	
F32-25	25.0	0.40	12.5	0.87	
105°C UL					61M/roll
F-28	28.0	0.45	14.0	0.87	
F-30	30.0	0.5	15.0	0.87	
F-35	35.0	0.5	17.5	0.87	
F-38	38.0	0.5	19.0	0.87	
F-50	50.0	0.5	25.0	0.97	30.5M/roll
F-63	63.5	0.6	31.75	1.27	
F-75	76.2	0.6	38.1	1.27	
F-100	101.6	0.7	50.8	1.4	



NAIL CABLE CLIP

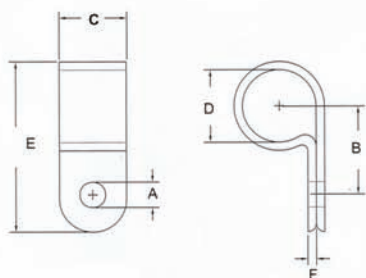
- Material: Impact Resistant PE (Grey)
- Applied for general round cables.
- With nails inserted.
- Black, White color available.
- ★ NEW SIZE

Unit:mm

Item No.	W	H	H1	Nails	Packing
★ NC-0.275N	2.75	4.5	2.6	1.4 × 16	100pcs
NC-0.35N	3.5	5.9	3.7	2.0 × 15	
NC-0.4N	4	6.6	4.2	2.5 × 18	
NC-0.5N	5	7.6	5.3	2.5 × 18	
NC-1N	6	9	6.6	2.5 × 18	
★ NC-1NL	6	10.5	6.9	2.5 × 20	
NC-1.5N	7	11	7.2	2.5 × 22	
NC-2N	8	11.5	8.6	2.5 × 22	
★ NC-2.5N	9	12	9	2.5 × 25	
NC-3N	10	13.4	10.5	2.5 × 25	
NC-3.5N	11	16.6	12.2	2.5 × 27	
NC-4N	12	16.0	12.5	2.5 × 27	
NC-6N	14	20.5	15.6	3.0 × 35	
NC-7N	16	21.7	17.0	3.2 × 38	
★ NC-7.2N	18	22.0	17.5	3.2 × 38	
NC-7.5N	20	23.5	18.5	3.2 × 38	
NC-8N	22	27.8	22.5	3.2 × 42	
NC-9N	25	31.6	26.0	3.2 × 47	
NC-10N	32	40	33.5	3.6 × 56	50pcs

CABLE CLAMP

Unit:mm



Item No.	A	B	C	D	E	F	Packing
UC-0	4.6	9.5	9.6	3.2 (1/8")	19.8	1.4	100pcs
UC-0.5	4.6	10.5	9.6	4.8 (3/16")	19.8	1.4	
UC-1	4.6	12.0	10.0	6.35 (1/4")	22.0	1.4	
UC-1.5	4.6	12.0	10.0	7.9 (5/16")	22.0	1.5	
UC-2	4.6	12.5	12.0	9.5 (3/8")	24.0	1.5	
UC-3	4.6	15.2	12.0	12.7 (1/2")	31.0	1.5	
UC-4	4.6	18.2	12.0	15.8 (5/8")	34.3	1.5	
UC-5	4.6	18.2	12.0	19.4 (3/4")	35.0	1.5	
UC-6	4.6	22.0	12.0	25.4 (1")	43.0	1.8	
UC-6.5	4.6	24.0	12.0	27.5 (1 1/16")	50.0	1.8	
UC-7	4.6	26.2	12.0	31.8 (1 1/4")	46.2	1.8	
UC-9	4.6	30.0	12.0	36.7 (1 1/2")	50.0	1.8	

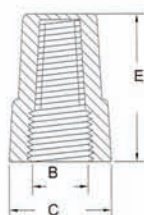
- Material: UL approved NYLON 66, 94V-2
- KSS CABLE CLAMPS are designed to hold cables, tubes, and components in domestic appliance, electronics and electric apparatus generally.
- Interior edges are radiused to protect cable insulation.
- To apply, just clamp down on loosen cables and screw it to chassis.
- Black color available



SCREW ON WIRE CONNECTOR

Camsco

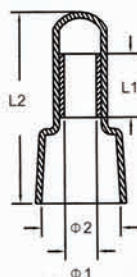
Unit:mm



Item No.	B	C	E	Wire Combination	Packing
SW-Y11	8.5	17.5	25.8	MIN # 18×2 MAX # 12×3	100pcs/bag
SW-Y12	11	23.8	31.8	MIN # 14×2 MAX # 10×4	
SW-Y13	14	27	33.2	MIN # 12×3 MAX # 10×4	
SW-Y14	17.5	30.5	39.6	MIN # 12×3 MAX # 6×1 + # 8×2	

- Material: PVC Shell with spring inserted.
- Two wing attached to the plastic body for easy twist on termination of wires.
- Strip wires before application.

CLOSE-END WIRE CONNECTOR



- Material: UL approved NYLON 66,94V-2
- Nylon insulated close-end wire connector
- To apply, insert pre-stripped wires into connector tube and crimp it with crimping tool to hold wires firmly even in vibration.

Unit:mm

Item No.	L1	L2	Φ1	Φ2	Nominal Sectional area mm ²	AWG	Suitable Wires Strang mm ² d	Packing
CE-1	7.5	20.0	2.4	7.8	1.25	22-16	0.5-1.75	1000pcs (100pcs)
CE-2	7.5	20.0	3.0	7.8	2	16-14	1.0-3.0	
CE-5	8.5	25.3	3.8	10.5	5.5	12-10	2.5-6.0	500pcs (100pcs)
CE-8	9.5	27.2	4.7	12.0	8	8	4.0-9.0	

AWG	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
mm ²	33.4	20.8	13.2	8.4	5.3	3.3	2.1	1.3	0.83	0.52	0.33	0.21	0.13	0.08	0.05	0.03

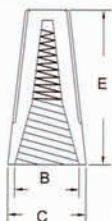
Camsco**ALL PLASTIC WIRE CONNECTOR****Camsco**

Unit:mm

Item No.	B	C	E	Wire Combination	Packing
SW-1	6.5	8.7	14	MIN #24×2 MAX #16×1+ #18×2	100pcs (1000pcs)
SW-2	7.5	10.0	18	MIN #20×3 MAX #16×3	
SW-3	9.5	11.2	23	MIN #22×3 MAX #16×3	



- Material:UREA
- Strip wire before application.

SCREW ON WIRE CONNECTOR

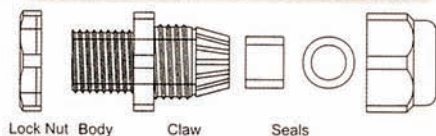
Unit:mm

Item No.	B	C	E	Wire Combination	Packing
SW-71B	6.5	8.7	15	MIN #20×1+ #22×1 MAX #16×2	100pcs (1000pcs)
SW-72B	7.5	10.0	18	MIN #20×3 MAX #16×3	
SW-73B	9.5	11.2	23	MIN #20×3 MAX #16×3+ #18×1	
SW-74B	10.8	14.0	24.2	MIN #14×1+ #18×1 MAX #14×4+ #18×1	
SW-76B	12.7	16.8	27.4	MIN #14×2 MAX #10×2+ #12×2	
SW-78B	12.8	18.3	32.2	MIN #12×3 MAX #10×4	

- Material:PVC Shell with spring inserted.
- Strip wires before application.

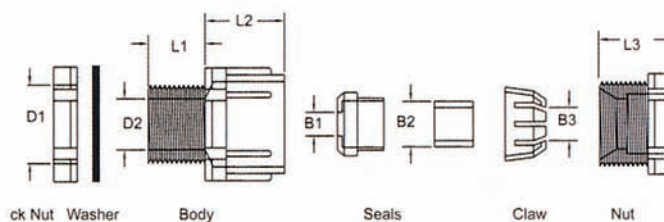


NYLON CABLE GLAND



Item No.	Mounting Hole	Cable Range
PG-7	12.24mm	3.5-6mm
PG-9	14.76mm	4-8mm
PG-11	18.20mm	5-10mm
PG-13.5	20.36mm	6-12mm
PG-16	22.30mm	10-14mm
PG-21	28.20mm	13-18mm
PG-29	36.24mm	18-25mm
PG-36	46.10mm	22-32mm
PG-42	54.30mm	30-38mm
PG-48	57.70mm	34-44mm

ABS CABLE GLAND



DIMENSIONS

Item No.	D1	PITCH	D2	B1	B2	B3	L1	L2	L3	CABLE RANGE
K-16	16	1.5	11	5	7	10	8	15	14	5-11
K-20	20		15	6	9	13	9	17	16	6-15
K-25	25		20	10	12	18	11	21	18	10-21
K-32	32		25	12	16	24	12	23	20	12-25
K-40	40		32	20	22	28	14	26	22	20-32
K-50	50		42	30	32	38	16	29	26	30-42
K-63	63		54	40	42	50	19	31	28	40-54

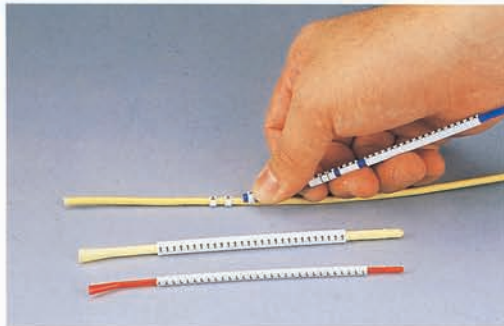
■ **MATERIAL:** Made from ABS (RATED: 94V-0 11°C)
 ■ Well designed for insulation, waterproof and impact resistant. Used extensively for protection and fixation of cables in control panel apparatus.

■ **APPLICATION:**

1. Mount body to pre-drilled panel hole and fix it with locking nut.
2. Insert cables through body and then seals consequently. Finally, press them together with press nut to hold cable in position.



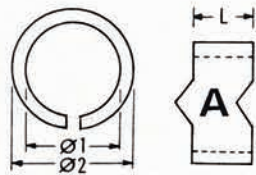
CLIP- ON CABLE MARKER

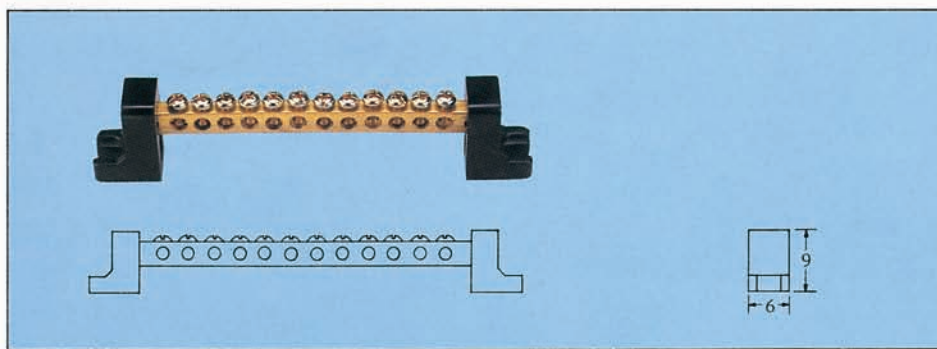
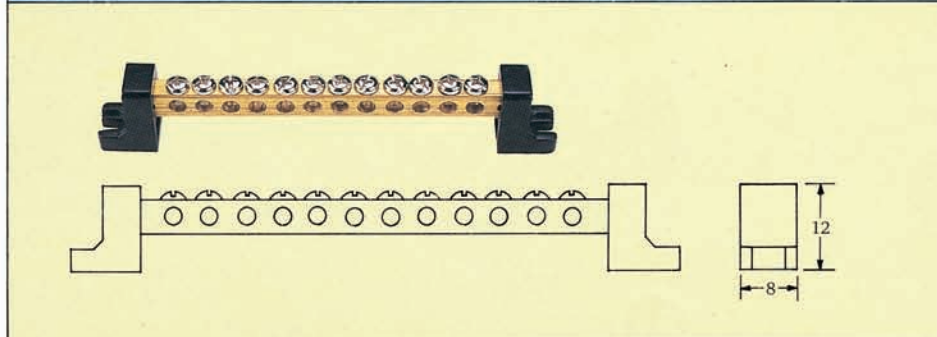
- Black legends on white background.
- Installed before or after terminations are made.
- Withstanding harsh environments and high temperature.
from -22°F (-30°C) to 194°F (90°C)
- Removable and reusable.
- Resistant to chemical environments.
- 30 pcs/Rod.
- Solid no. or letter for 0, 1, 2, 3, ..., 9
A, B, C, ..., Z, +, -, $\frac{1}{2}$, Blank.

Material: ACETAL

Item No.	Applicable Wire sizes	Dimension(mm)		
		L	$\phi 1$	$\phi 2$
LT-021	AWG 24-22	3.0	1.5	2.8
LT-022	AWG 22-20	3.0	2.0	3.4
LT-023	AWG 18-16	3.0	2.5	4.0
LT-024	AWG 16-14	3.0	3.2	4.6
LT-025	AWG 14-12	3.0	3.7	5.2
LT-026	AWG 12-10	3.0	4.2	6.0

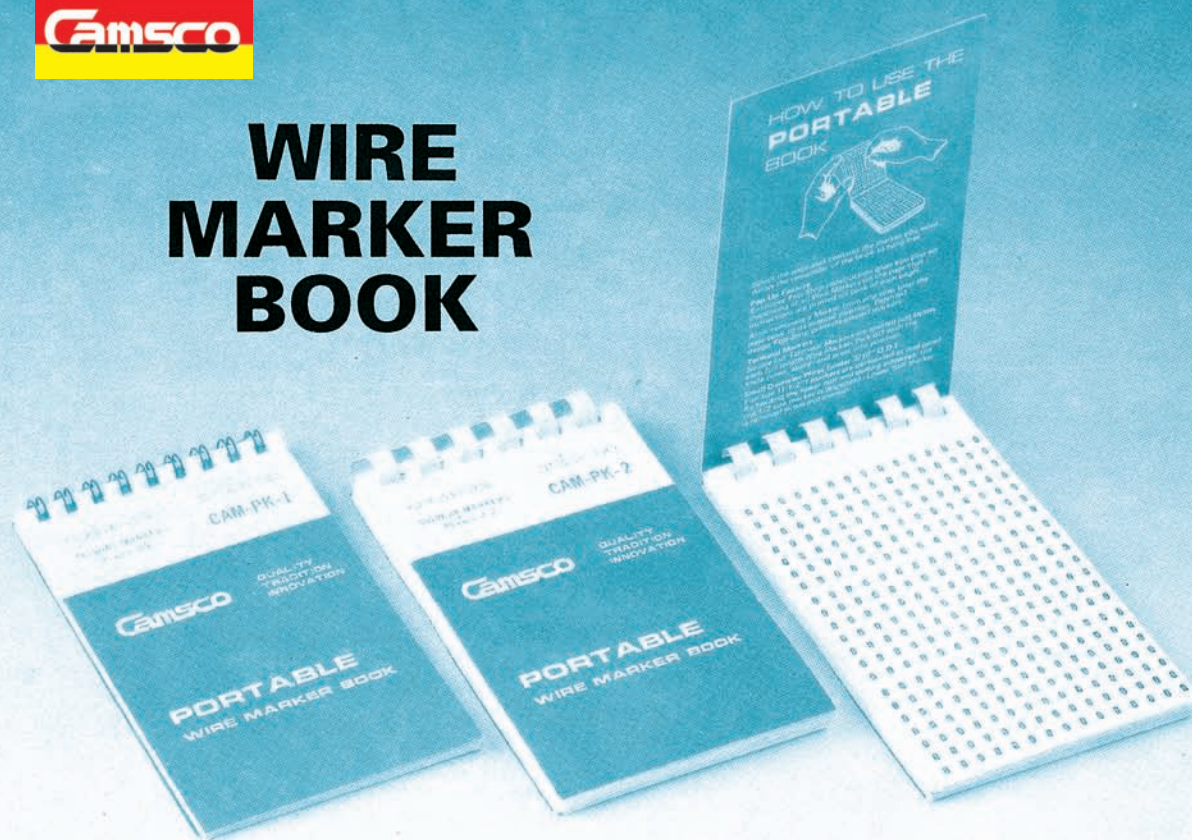


GROUNDING BUS-BAR

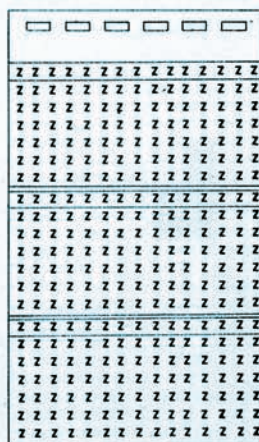
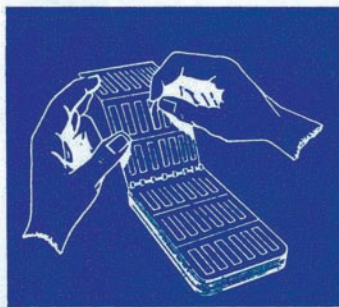
	Item No. G-9604 G-9606 G-9608 G-9610 G-9612
	Item No. G-12804 G-12806 G-12808 G-12810 G-12812



WIRE MARKER BOOK



How to Use the WIRE MARKER BOOK



*Convenient, Patented
designed Flip-Strip
construction, Pocked
Sized Books, Use to
identify wire and file.*

Each Marker is 1/2"
long for wire O.D. up to
3/8" Each marker is perforated
to form half markers for wire
O.D. up to 3/16" A 1/4" long
Terminal Block Marker is
provided for each full length
marker.

Specification:

ITEM NO.	LEGEND	NUMBER OF MARKERS EACH LEGEND
CAM-PK-1	0-9	45
CAM-PK-2	A-Z	45
CAM-PK-3	0-9 A-Z	45 15+15*1/2
CAM-PK-4	A-Z, 0-15, +, -, /	10
CAM-PK-5	1-45	10



CABLE MARKER

ISO 9001:2000

FM-1 Marker



- Item No. : FM-1
- Material : P.V.C.
- Color : Yellow body with black mark.
- Service temperature : $-45^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Solid no. or letter for 0,1,2,3,.....9
A,B,C,.....Z,+,-,≡,Blank.

CABLE DIA	MARKER LENGTH	PACK
4.2~7.0	6	500PCS/PER REEL

Unit : mm

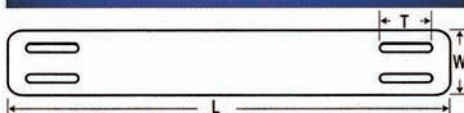
Carrier Strips for FM-1 Marker



- Material : NYLON 66
- Service temperature : $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Unit : mm

ITEM No.	CAPACITY	L	M	T	PACK
MS-65	7MARKS	65	9.4	6	500PCS/PER BAG
MS-95	12MARKS	95	9.4	6	500PCS/PER BAG
MS-133	18MARKS	133	9.4	6	250PCS/PER BAG

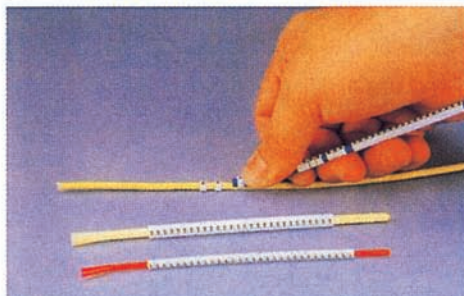


FM-1 Marker & Carrier Strips



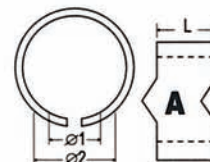
- FM-1 marker and carrier strips are ideal for identifying large cables, conduit and pipes. The carrier strips have slotted two ends allowing fastening with cable ties.

Clip on Cable Marker



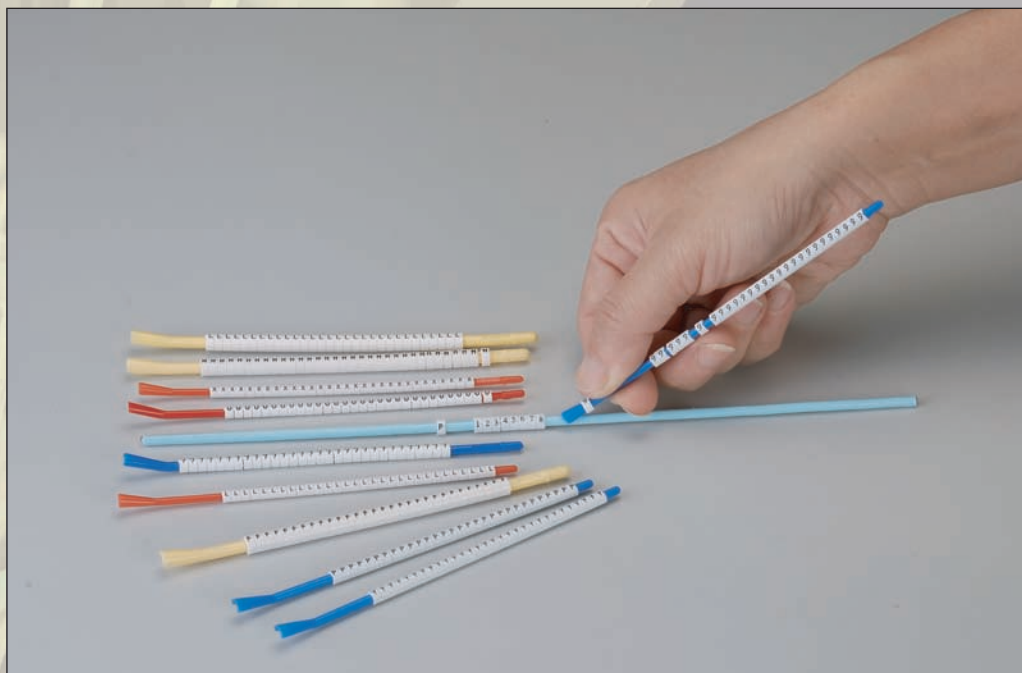
- White body with black mark.
- Installed before or after terminations are made.
- Withstanding harsh environments and high temperature.
From $-22^{\circ}\text{F}(-30^{\circ}\text{C})$ to $194^{\circ}\text{F}(90^{\circ}\text{C})$
- Removable and reusable.
- Resistant to chemical environments.
- 30pcs/Rod.
- Solid no. or letter for 0,1,2,3,.....9
A,B,C,.....Z,+,-,≡,Blank.

ITEM NO	APPLICABLE WIRE SIZES	DIMENSION (mm)		
		L	φ1	φ2
LT-023	AWG 18-16	3.0	2.5	4.0
LT-024	AWG 16-14	3.0	3.2	4.6
LT-026	AWG 12-10	3.0	4.2	6.0





Clip on Cable Marker



- White body with black mark.
- Installed before or after terminations are made.
- Withstanding harsh environments and high temperature.
From -22°F (-30°C) to 194°F (90°C)
- Removable and reusable
- Resistant to chemical environments.
- 30pcs/Rod.
- Solid no or letter for 0, 1, 2, 3, 9
- A, B, C, Z, +, -, $\equiv$, Blank

ITEM NO	APPLICABLE WIRE SIZES	DIMENSION (mm)		
		L	Ø1	Ø2
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LT-024	AWG 16-14	3.0	3.2	4.6
LT-026	AWG 12-10	3.0	4.2	6.0

