



**Tyco
Electronics**

Heat-Shrink/Cable Markers

TMS-CCUV Heat-shrinkable UV protection sleeves

TMS-CCUV clear heat shrinkable sleeves are designed for over protection of TMS System Six identification products, to give increased protection for permanent, long-term environmental exposure. The clear CCUV heat-shrinkable sleeves are formulated to combine a long-term barrier to the effects of ultra-violet, with tough resistance to abrasion and industrial fluids. They are available in packs which match the product sizes and pack quantities of TMS System Six heat-shrinkable identification sleeves and cable markers.

The TMS CCUV sleeves are inherently low profile and use the action of heat-shrink to lock in place over the previously installed identification sleeves, except for cable markers which use a slide fitting CCUV sleeve which is held in place by the cable ties.

The action of heat-shrink locking of the CCUV sleeves means there is no reliance on the long term performance of adhesives to hold the outer protection layer in place, and also gives the ability to accommodate cables and wire bundles which may be bent or flexed during use.

Features and benefits

- Exceptional clarity and stability
- Added UV-resistant sleeves
- Not printable
- Tough resistance to abrasion and industrial fluids
- Heat-shrink locking in place (no reliance on adhesives)
- Low profile
- Accommodates bent or flexing cable/wire bundles
- Can work as an NBC (nuclear, biological, chemical) System with NBC-SCE sleeves and appropriate adhesive



Temperature rating

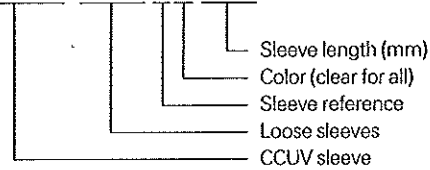
Operating temperature range	-55°C to +150°C	-67°F to 302°F
Minimum recovery temperature	+150°C	+302°F
Maximum storage temperature	+40°C	+104°F

Specifications/approvals

Tyco Electronics	RW 2525
Military	UL VW-1 rated SAE-AMS-DTL-23053/18, Class 2

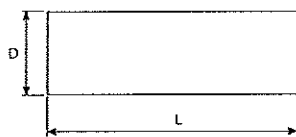
Part numbering system

TMS-CCUV-SLEEVE-1-X-65mm

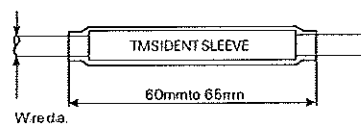


Ordering information

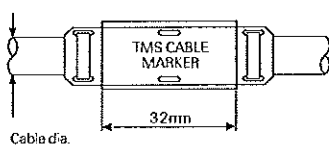
Before shrinking



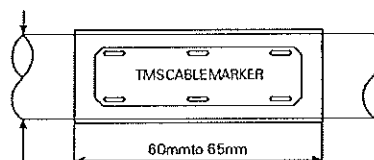
After shrinking over TMS cable sleeve



After sliding over TMS cable marker



After shrinking over TMS cable marker



TMS-CCUV Heat-shrinkable UV protection sleeves

Available sizes and formats

(For use with heat shrink sleeves)

Ordering description	Sleeve length	Inside diameter minimum		Recovered diameter maximum		Wire size diameter		Sleeve size expanded diameter TMS-SCE		RPS US Wire gauge
		mm	inches	mm	inches	mm	inches	mm	inches	
TMS-CCUV-SLEEVE-1-X-65mm	65	3.20	0.125	1.60	0.063	1.80-2.80	0.071-0.110	2.40	0.094	N/A
TMS-CCUV-SLEEVE-1-X-65mm	65	3.20	0.125	1.60	0.063	1.80-2.80	0.071-0.110	3.20	0.125	22-18
TMS-CCUV-SLEEVE-2-X-65mm	65	4.80	0.187	2.40	0.094	2.60-3.70	0.102-0.146	4.80	0.188	18-12
TMS-CCUV-SLEEVE-2-X-65mm	65	4.80	0.187	2.40	0.094	2.60-3.70	0.102-0.146	6.40	0.250	16-10
TMS-CCUV-SLEEVE-3-X-65mm	65	6.40	0.250	3.20	0.126	3.50-5.10	0.138-0.201	9.50	0.375	8-4
TMS-CCUV-SLEEVE-4-X-65mm	65	9.50	0.375	4.80	0.189	5.00-7.00	0.197-0.275	12.70	0.500	10-2
TMS-CCUV-SLEEVE-5-X-65mm	65	12.70	0.500	6.40	0.252	6.90-10.60	0.272-0.417	19.00	0.750	6-250
TMS-CCUV-SLEEVE-6-X-65mm	65	19.00	0.750	9.50	0.374	10.00-14.00	0.394-0.551	25.40	1.000	1-400
TMS-CCUV-SLEEVE-7-X-65mm	65	25.40	1.000	12.70	0.500	13.30-21.00	0.524-0.827	25.40	1.000	1-400
TMS-CCUV-SLEEVE-8-X-65mm	65	38.10	1.500	19.00	0.748	21.00-33.80	0.827-1.331	38.10	1.500	400-1000

Some sleeve sizes may need to be recovered partially before CCUV sleeve is applied to protect them.

(For use with cable markers to secure / protect without cable ties)

Ordering description	Sleeve length	Inside diameter minimum		Recovered diameter maximum		Wire size diameter		Marker height	
		mm	inches	mm	inches	mm	inches	mm	inches
TMS-CCUV-SLEEVE-4-X-65mm	65	9.50	0.375	4.80	0.189	5.00-8.00	0.197-0.315	6.40	0.250
TMS-CCUV-SLEEVE-5-X-65mm	65	12.70	0.500	6.40	0.252	7.00-11.00	0.275-0.433	6.40	0.250
TMS-CCUV-SLEEVE-6-X-65mm	65	19.00	0.750	9.50	0.374	12.00-17.00	0.472-0.669	12.70	0.500
TMS-CCUV-SLEEVE-7-X-65mm	65	25.40	1.000	12.70	0.500	15.00-23.00	0.590-0.905	12.70	0.500

(For use with cable markers to protect with cable ties)

Ordering description	Sleeve length	Inside diameter minimum		Recovered diameter maximum		Wire size diameter		Marker height	
		mm	inches	mm	inches	mm	inches	mm	inches
TMS-CCUV-SLEEVE-9-X-32mm	32	6.40	0.250	3.20	0.126	N/A		6.40	0.250
TMS-CCUV-SLEEVE-10-X-32mm	32	12.70	0.500	6.40	0.252	N/A		12.70	0.500

(For use with NBC-SCE sleeves and adhesives sealing*)

Ordering description	Sleeve length	Inside diameter minimum		Recovered diameter maximum		Wire size diameter NBC-SCE		Sleeve size expanded diameter NBC-SCE	
		mm	inches	mm	inches	mm	inches	mm	inches
TMS-CCUV-SLEEVE-15	76	3.20	0.125	1.60	0.063	1.80-2.80	0.071-0.110	3.20	0.125
TMS-CCUV-SLEEVE-16	76	4.80	0.187	2.40	0.094	2.60-3.70	0.102-0.146	4.80	0.188
TMS-CCUV-SLEEVE-17	76	6.40	0.250	3.20	0.126	3.50-5.10	0.138-0.201	6.40	0.250
TMS-CCUV-SLEEVE-18	76	9.50	0.375	4.80	0.189	5.00-7.00	0.197-0.275	9.50	0.375
TMS-CCUV-SLEEVE-19	76	12.70	0.500	6.40	0.252	6.90-10.60	0.272-0.417	12.70	0.500
TMS-CCUV-SLEEVE-20	76	19.00	0.750	9.50	0.374	10.00-14.00	0.394-0.551	19.00	0.750
TMS-CCUV-SLEEVE-21	76	25.40	1.000	12.70	0.500	13.30-21.00	0.524-0.827	25.40	1.000
TMS-CCUV-SLEEVE-22	76	38.10	1.500	19.00	0.748	21.00-33.80	0.827-1.331	38.10	1.500

*For use with adhesives such as S-1255-04 and S-1264 please refer to RT1012 and RT1014 for specifications and adhesive details.

Options

Prescoring	Not available -- supplied as cut pieces
Package Sizes	Standard 250 piece bags only
Colors	Standard Clear only
Ordering information:	Specify product name, loose sleeve, sleeve reference, color and sleeve length.
Ordering example:	For all Heat Shrink sleeves except NBC-SCE TMS-CCUV-SLEEVE-1-X-65mm For NBC-SCE TMS-CCUV-SLEEVE-22