

TECHNICAL DATA SHEET

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Document number: TTDS094
Issue: 1
Date: November 2002

Snap-on (STD/STB & E-Type™) markers

MATERIAL DESCRIPTION:	Molded polyoxymethylene (POM) shapes. UL94 HB rated zero halogen material.
USE:	Identification of wires and small cables using individual characters, including fiber optic cables. Characters are side-entry installed using an applicator wand, so allowing identification after termination and/or installation. Snap-on markers have an expanding profile which enables markers to accommodate a wide range of wire/cable sizes. Markers are supplied chevron cut to ensure legend remains aligned.
SIZE RANGE:	11 sizes to accommodate wire/cable diameters from 1 to 19mm (0.04 to 0.75 inches).
COLORS/MARKING:	White or yellow markers with black characters (A - Z, 0 - 9 and symbols). European color coded markers with white or black characters (0 to 9) also available. Black markers with white characters available for outdoor use (UV stabilized material).
SERVICE TEMPERATURE:	-40°C to +106°C (-40°F to +223°F).
CHEMICAL RESISTANCE:	Generally resistant to sea water, detergents (10% aqueous), fuels, oils, white and industrial spirit.

PERFORMANCE:

PROPERTY	TEST METHOD	TYPICAL EFFECT
Tensile Modulus	ISO 527	2900MPa
Elongation at break	ASTM D638	28%
Flexural Modulus	ISO 178	2800 Mpa
Izod impact strength	ISO 180 IC: 23°C (73°F) ISO 180 IC: 30°C (86°F)	110mJ/mm² 90mJ/mm²
Heat deflexion temperature	DIN 53461	106°C (223°F)
Vicat softening temperature	ISO 306	151°C (304°F)

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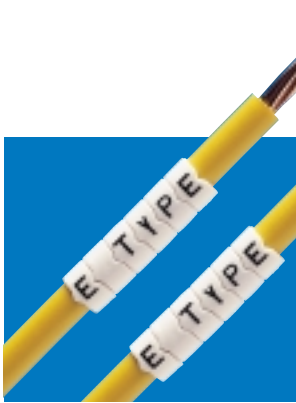
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p r o d u c t d a t a



E-Type Markers

E-type cable markers are designed to provide an easy and convenient method of marking in-situ or terminated cables using an integrated applicator.

- ***Snap-on marker for post-termination application***
- ***Secure grip for positive fixing to the cable***
- ***Supplied on applicators for quick and easy fixing***
- ***Suitable for cables from 0.1mm² to 100mm²***
- ***Colour coded option***

From the widely differing environments of an offshore platform to a control panel, Critchley have developed an extensive range of marking systems to suit a variety of identification requirements.

E-Type Markers

FOR CABLE DIAMETER mm	FOR CABLE SIZE mm ² (BS6004)(BS6231)	MARKER SIZE	APPLICATOR COLOUR	PACKED	ORDER CODE
1.0-1.4	0.1-0.5	1†	Brown	300	0650
1.4-1.8	0.5-0.7	2†	Grey	300	0651
1.9-2.6	0.7-1.0	3†	Green	300	0652
2.6-3.5	1.5-3.4	6†	Red	300	0653
3.3-4.5	2.5-6.0	9†	Blue	300	0654
4.5-6.0	6.0-10.0	12†	Yellow	300	0655
5.8-8.5	10.0-16.0	15††	-	50	0656
8.5-11.5	16.0-25.0	17††	-	50	0657
11.0-15.5	25.0-70.0	21††	-	50	0658
15.0-19.0	70.0-100.0	24††	-	50	0659

† Packs contain 10 applicators, each carrying 30 markers.

†† Packs contain 50 markers; applicators are sold separately, please ask for details.

MATERIAL

POM

COLOUR OPTIONS

White body marked black:

A-Z, 0-9 and symbols.

Yellow body marked black:

A-Z, 0-9 and symbols.

COLOUR CODED:

(European): 0-9

SERVICE TEMPERATURE

-40°C to +125°C

CHEMICAL RESISTANCE

**Excellent resistance to
sea water, detergents (10%
aqueous), fuels, oils, white and
industrial spirit**

CABLE DIAMETER

mm 0.5 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0 19.0

Cable size mm² 1.0 1.5 2.5 4.0 6.0 10.0 16.0 25 35 50 70 95

