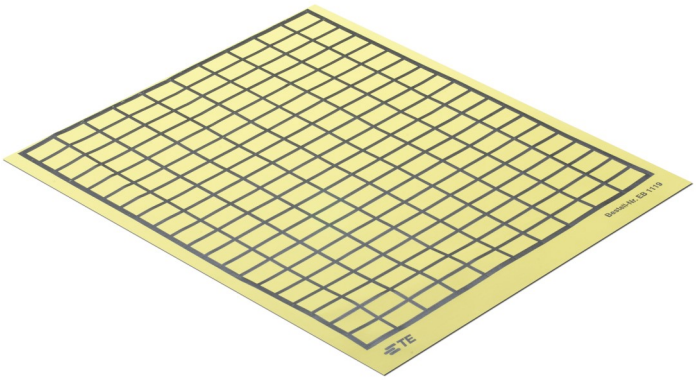


EB, EK, TEK

Write-on labels

Technical Datasheet

TTDS-181 Revision 3
March 2023

EB, EK and TEK are self-adhesive yellow nylon fabric labels that can be handwritten and used to identify electrical systems and items.

EB and EK labels are supplied in sheet format, easy to mark with ball point pen or permanent marker.

TEK labels are supplied in a handy pocket sized booklet, suitable for on the spot labelling. This handy format allows them to be stored in the fitter's pocket or in the installer's toolbox.

The two main advantages of these labels are their good adhesive strength, flexibility and resistance to ageing.

The packs are available in the most common sizes for fabric labels. The labels can be written on with the felt pen (ZUB-01).

EB, EK, TEK WRITE-ON LABELS

Features

- Hand writable
- Versatile labels that can be used in many applications
- Excellent conformability to round, irregular and flexible surfaces
- Good adhesive strength and resistance to ageing

Temperature Rating

- Operating Temperature Range: -40°C to 90°C (-40°F to +194°F)
- Minimum application temperature: 2°C (36°F)

Applications

- Ideal for identification of electrical systems or items
- Industrial, Electrical and Warehouse.

Design for Environment

- Does not contain any RoHS (EU 2015/863) substance.
- Does not contain any California Prop 65 substances.
- No restricted substances as listed in the Toxic Substances Control Act.
- Further information and a downloadable declaration covering RoHS and REACH compliance can be found at the TE Product Compliance Support Centre:
- http://www.te.com/usa-en/utilities/product-compliance.html

Shelf life

- Two years when stored at 21°C (70°F) and 50% R.H in original packaging.

Storage

- Product should be stored in the original packaging, with any plastic covers which were included during shipping.
- Store out of direct sunlight in a clean, dry, dust free, environment.
- Product should be stored at approximately 21°C (70°F) and 50% R.H.

Where possible, TE have tested product as a finished item, including the print. Operational tests are followed by an assessment of mark adherence to validate fit form and function.

EB, EK, TEK WRITE-ON LABELS

Typical Label Thickness

- Label (including adhesive): 0.166 mm / 0.0065 inch
- Liner: 0.125 mm / 0.0049 inch

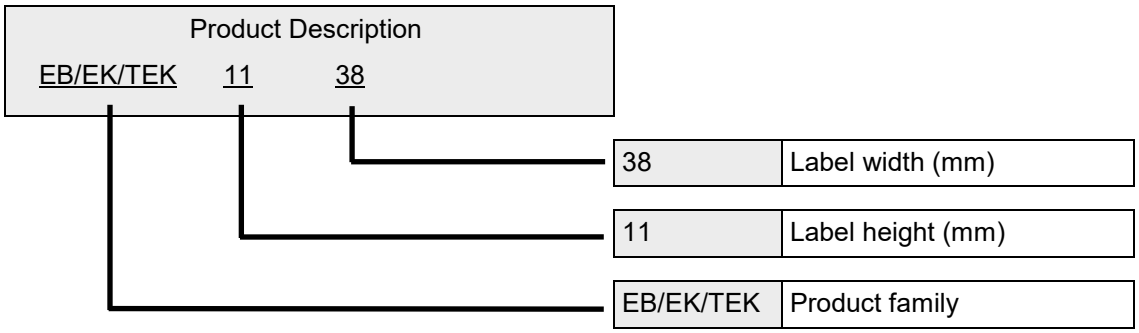
Technical performance

	Requirements	Results
Print Permanence		
Marking of Electrical Insulating Materials SAE AS 5942	Legible after 500 rubs 1kg weight with an eraser	Pass
Adhesion		**Typical Peel force (N/m (oz/in.))**
Test surface:		**72 hours Dwell**
• Stainless steel	ASTM D1000	589 (54)
• Acrylic		698 (64)
• Glass		603 (55)
• Polypropylene		177 (16)
Thermal performance		
Heat Aging	Labels to remain on plate, no dis-coloration and legible after 168hr at 80±2°C	Pass, samples remain legible and no discoloration

Where possible, TE have tested product as a finished item, including the print. Operational tests are followed by an assessment of mark adherence to validate fit form and function.

EB, EK, TEK WRITE-ON LABELS

Ordering Information



	Product description	Product order code	Label height (mm)	Label width (mm)	Supplied presentation	Labels per sheet / booklet
EB	EB1138	1768017-1	11	38	Sheet	100
	EB2256	1768017-2	22	56	Sheet	30
	EB3560	1768017-3	35	60	Sheet	18
	EB5070	1768017-4	50	70	Sheet	9
	EB820	1768017-8	8	20	Sheet	280
	EB1119	9-1768016-8	11	19	Sheet	200
	EB1128	9-1768016-9	11	28	Sheet	120
EK	EK1119	6-1768019-8	11	19	Sheet	40
	EK1138	6-1768019-9	11	38	Sheet	20
	EK2256	7-1768019-0	22	56	Sheet	10
	EK520	7-1768019-1	5	20	Sheet	88
	EK612	7-1768019-2	6	12	Sheet	111
	EK820	7-1768019-3	8	20	Sheet	56
	EK915	7-1768019-4	9	15	Sheet	75
	EK920	7-1768019-5	9	20	Sheet	50
TEK	TEK1138-N	4-1768048-9	11	38	Booklet	220
	TEK1119-N	4-1768048-5	11	19	Booklet	440
	TEK821-N	5-1768048-3	8	21	Booklet	640
	TEK914-N	5-1768048-6	9	14	Booklet	840

EB, EK, TEK WRITE-ON LABELS

Writing Information

Writing quality and performance can only be guaranteed when specific TE pen ZUB-01 is used.

PN 1-1768050-0

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