

# Product data sheet

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## LAB024 - *breaksafe* FEP COATED LABORATORY THERMOMETERS

The **Brannan *breaksafe*** range of laboratory thermometers are offered with Fluoro Ethylene Propylene (FEP) coating to contain any glass or filling material in the event of breakage. The FEP material is completely transparent and offers resistance to virtually all chemicals and UV radiation. Properties of FEP coating include:

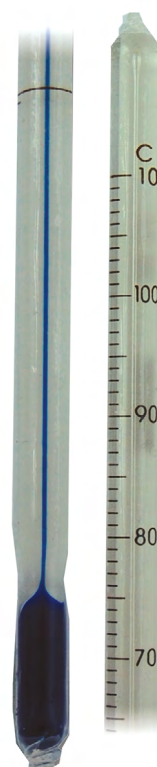
All ***breaksafe*** thermometers are supplied with **Brannan's** unique **LO-tox** filling and can be supplied with UKAS calibration certificate or statement of conformity on request.

### Product features:

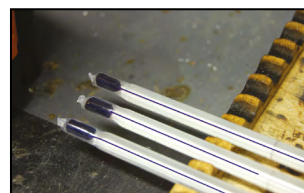
- Unique coating offering high level of thermometer protection
- Virtual total chemical and solvent resistance
- Non stick surface
- Non toxic
- Safe, non mercury filling
- Supplied in individual, resealable plastic tube
- Working temperature from -200 to +200°C
- Naturally non-inflammable
- 76mm partial or total immersion
- Made in England

### Product specifications:

Temperature ranges:	See table overleaf
Divisions:	1.0°C or 0.5°C
Accuracy:	See table
Immersion:	76mm partial or total immersion
Product material:	Glass tube (see table for filling) FEP coating (approx 1g per 10mm thermometer length)
Product dimensions:	ø8mm x length (see table overleaf)
Product net weights:	155mm length tube: 12g 305mm length tube: 24g 405mm length tube: 34g
CE/RoHS/WEEE:	N/A
Hazard Information (SDS):	See <a href="http://brannan.co.uk">brannan.co.uk</a> for information





The photograph shows a broken laboratory thermometer with glass and spirit held safely within the ***breaksafe*** sleeve.



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## Standard product numbers:

Range °C only	Division	Length	76mm Immersion		Total Immersion	
			Accuracy	Product No	Accuracy	Product No
-10 to +110°C	1.0°C	155mm	-	-	+/-1.5°C @ 35°C	44/930/7
-20 to +110°C	1.0°C	305mm	+/-1.0°C @ 35°C	44/902/8	+/-1.0°C @ 35°C	44/910/8
-20 to +150°C	1.0°C	305mm	+/-1.0°C @ 35°C	44/903/8	+/-1.0°C @ 35°C	44/911/8
-20 to +210°C	1.0°C	405mm	+/-2.0°C @ 90°C	44/905/8	+/-1.0°C @ 35°C	44/912/8
-1 to +51°C	0.1°C	405mm	+/-1.0°C @ 35°C	44/920/0	+/-0.5°C @ 35°C	44/921/0
-1 to +51°C	0.2°C	405mm	+/-1.0°C @ 35°C	44/922/0	+/-0.5°C @ 35°C	44/923/0
-1 to +101°C	0.2°C	405mm	+/-1.0°C @ 35°C	44/924/0	+/-0.5°C @ 35°C	44/925/0

## Packing specifications:

The following are for packed thermometers.

Pack of ten thermometers supplied in cardboard box.

Box weight: 155mm thermometer box: 14.5g  
305mm thermometer box: 20.5g  
405mm thermometer box: 26.5g

Tube length	Single packed thermometer		Box of 10 packed thermometers	
	Weight	Dimensions	Weight	Dimensions
155mm	21.5g	195mm x 12mm x 12mm	230.5g	202mm x 67mm x 29mm
305mm	32.5g	306mm x 12mm x 12mm	386.0g	312mm x 67mm x 29mm
405mm	44.0g	406mm x 12mm x 12mm	467.0g	412mm x 67mm x 29mm