

Technical Datasheet
P419-1044
Low Melt Glue Stick

General Description:

Lowmelt, fast setting, high performance, white adhesive, suitable for use on expanded polystyrene, thin films and balloons.

P419-1044 is a high performance adhesive formulated for application at low temperature (130-160 °C). It is suitable for use on temperature sensitive materials that would be damaged by normal hot melt temperatures. The lower application temperature reduces the risk of accidental burns making it suitable for use in schools and for applications that require fingers to be close to the adhesive during assembly.

This is a fast setting adhesive that can be used for box and carton closing.

Technical characteristics:

Adhesive Type:	Synthetic polymer based hot melt
Colour:	White
Molten Tack:	High

Form	12mm x 200mm
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Suggested application temperature	130-160 °C
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Brookfield Viscosity

(POW-12-VISC) Spindle 27	1400 cps
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Ring & ball softening point	98 °C
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(ATSM E28)

Heat Resistance	75 °C
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(BS5350 Part H3)

Open time	Short
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Low temperature	-10 °C
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flexibility (tg)

F.D.A approved. All the constituent parts of this adhesive have been approved by the American F.D.A under C.F.R21.175.105 (adhesives) (subject to limitations).

Storage:

Store in a clean dry place at temperatures between 5 °C and 30 °C with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.

Removal of Glue:

Assembled components can be separated by heating assembly to a temperature slightly above the heat resistance figure.

Please Note:

The information contained on this data sheet is for guidance only. It is the result of careful laboratory evaluations by trained and qualified staff using British Standard of similar test methods. However, no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our adhesives, please contact Customer Services.