



Technical Data Sheet

Bondloc B460 Instant Adhesive

PRODUCT DESCRIPTION

B460 has low odour and low blooming properties and is particularly suitable for applications where vapour control is difficult.

APPLICATIONS

B460 bonds metals, plastics, wood, ceramics, rubber, leather, card, glass and many other materials.

INSTRUCTIONS FOR USE

Clean and dry surfaces to be bonded. Apply adhesive sparingly to one surface and assemble parts. Hold or clamp parts together for 60 seconds. Leave for 1 hour to fully cure. Activators and primers may be used to aid bonding.

LIQUID PROPERTIES

Ester base	Alkoxy cyanoacrylate
Appearance	Clear liquid
Specific Gravity 25°C	1.043g/cm ³
Shelf life	12 months unopened
Viscosity Brookfield - S p 1 @20rpm @25°C	40 - 60 cps

STORAGE

Bondloc cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 2°C and 10°C with a maximum storage temperature of 25°C. Avoid exposure to strong light and heat sources. Refrigeration can prolong shelf life.

TEMPERATURE RESISTANCE

Tested on mild steel cured for 24 hours, conditioned to test temperature for 1 hour before pull-test.

ENVIRO-CHEMICAL RESISTANCE

Exposed to conditions for 1000 hours at 22°C except for 98% RH which had an exposure of 42°C.

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CURED PERFORMANCE

Cured Speed

Defined as the time taken to develop a strength of 0.1N/mm² at 22°C and 50% relative humidity.

Balsa	15-20 seconds
Nitrile	<5 seconds
Neoprene	<5 seconds
EPDM	< 15 seconds
Steel	10-30 seconds
Polycarbonate	10-20 seconds
ABS	<5 seconds

SHEAR STRENGTH

Steel	14-20 N/mm ²
Aluminum	7-9 N/mm ²
Nitrile Rubber	5-10 N/mm ²
Polycarbonate	5-10 N/mm ²
ABS	6-10 N/mm ²

TENSILE STRENGTH

Nitrile Rubber	5-10 N/mm ²
Neoprene	5-10 N/mm ²
EPDM	2-6 N/mm ²

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS.

PACKAGING FORMAT

Bottles.....20g, 50g, 500g
Clam Packs.....20g





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