

TradeLock B480 Datasheet

Product Code: RC13104

General Description

Tradelock B480 is a black, modified cyanoacrylate with higher peel and shock resistance compared to other grades. B480 has a wide range of applications including bonding rubber and metals and acting as a strain relief in tough demanding environments. B480 is designed for use with Activator B711 to cure through gaps and large deposits or drop such as bridging and tacking/strain relief of components.

Physical Data

Properties	Data
Base	Mod. Cyanoacrylate
Colour	Black
Cure Speed (activator)	< 15 seconds
Cure Speed (No Activator)	< 60 seconds
Viscosity	> 1000 cps
Gap Fill	0.05mm to 0.2mm
Specific Gravity	1.05
Flash Point	> 85°C
Max. Operating Temperature	> 100°C Intermittent
Shelf Life	4 months @ 20°C
Tensile Strength	25 N/mm ² (Steel)
Peel Strength	< 4 N/mm ² (Steel)
Steel Bonds	up to 30 N/mm ²
Plastic Bonds	up to 20 N/mm ²
Elastomers	up to 15 N/mm ²

General Information

For safe handling information on this product, consult the material safety data sheets, (MSDS).

Presentation

20ml, 50ml and 250ml

Storage

Thixotropic / high viscosity products which contain additives have lower shelf life stability and it is usually reduced to 4 months at 20°C. For optimum performance and to extend shelf life, store at 5°C in dark conditions. Normal ambient temperatures (20°C) will give a 4-month shelf life in unopened containers.

Health & Safety

Danger. Superglue bonds skin in seconds. If accidental skin bonding occurs wash with warm soapy water and prise skin apart using a blunt instrument (such as a teaspoon handle). In case of eye contact bathe immediately with water and seek immediate medical attention.

Compatible acclerators/ primer

Primers such as B021 or double strength B113 as accelerators for fillet cure or for priming absorbent substrates

Application

Surfaces must be clean, dry and free from oil, grease and other contaminants. When requiring faster cure the activator can be sprayed onto components and adhesive applied dropwise. Alternatively over spray activator onto the adhesive to surface cure and bridge gaps. Some applications allow for pre and post applications. Trials are recommended.

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.