

IRS 2126 Fast Cure Flexible Epoxy Adhesive



Description

Also available to buy online at [!\[\]\(666e09182d4cd268646ea700ea60dcdf_img.jpg\)](#)
| **SHOP** 

IRS 2126 Fast Cure Flexible Epoxy Adhesive is a high performance, thixotropic black resin system. Its combination of flexibility and high adhesive strength lends itself to many high technology bonding applications. A two part system with a simple 1:1 mix ratio, it is supplied in a convenient side-by-side double syringe cartridge, complete with static mixing nozzles, or in small twinpacks.

Features & Benefits

- Cures to a flexible polymer

IRS 2126 Fast Cure Flexible Epoxy Adhesive



- Sets in minutes at room temperature
- Will bond to most substrates, including metal, glass, wood, rubber and many plastics
- Good adhesion to flexible substrates
- Good temperature and oil resistance
- Good shock resistance
- Conveniently packaged – supplied in 50ml dual cartridge for easy application, or in small twinpacks
- Long shelf life – 12 months from date of manufacture

Applications

- Cable harness assemblies, wiring, cable joints & terminations, heat-shrink sealing

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- Electronics sealing and small potting
- Structural bonding

Specifications

Specification	
Mix ratio	1:1 resin to hardener
Viscosity	Resin: ~ 17,000 cps Hardener: high (thixotropic)
Mixed viscosity	~ 25,000 cps
Specific gravity	Resin: 1.16 Hardener: 1.18
Colour	Black
Cure schedule 10 gram mix at 23°C	
Pot life	5-10 minutes

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Specification	
Handling strength	20 minutes
Full cure	2 hours
Maximum recommended mix	25 grams
Cured properties Measurements taken at 23°C	
Hardness, Shore A	80
Lap shear strength (Al/Al)	9MPa
Temperature range	-40 to 150°C
Peel strength (neoprene/neoprene)	50N/25mm

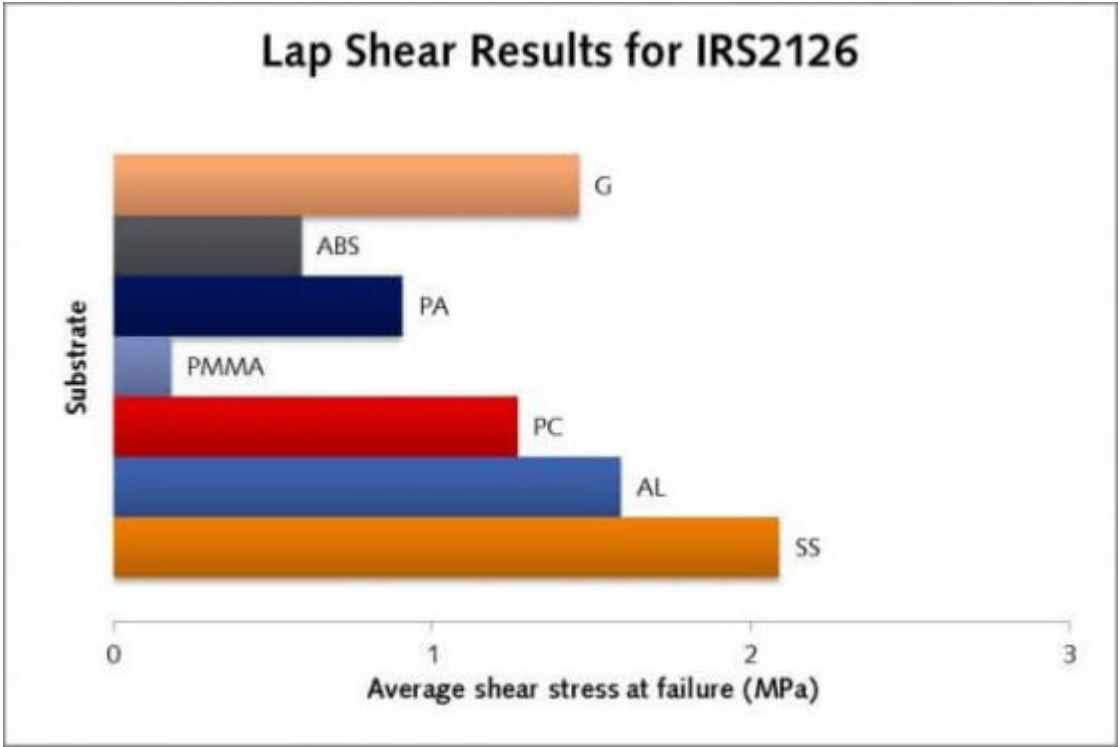
Lap shear adhesion	
Stainless steel	2.1 MPa

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Lap shear adhesion	
Aluminium 6082 T	1.6 MPa
Polycarbonate	1.3 MPa
PMMA	0.2 MPa
Nylon 6/6	0.9 MPa
ABS	0.6 MPa
Glass	1.5 MPa

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Safety Data Sheets

IRS 2126 Fast Cure Flexible Epoxy Adhesive



For the latest SDS for this product, please e-mail msds@intertronics.co.uk

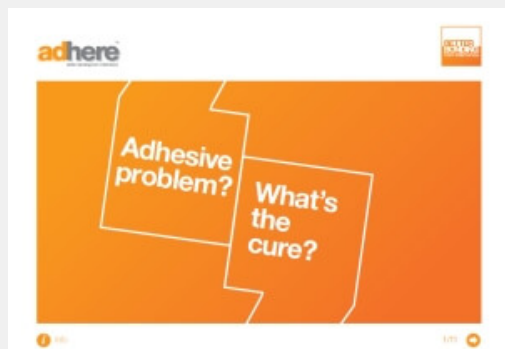
Other Information



[Structural Adhesives Selector Guide](#)

Start your adhesive selection process by reading our Structural Adhesives Selector Guide, detailing different chemistries and material specifications.

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[Adhesive Problem? What's the Cure?](#)

A guide to adhesive bonding, considering structural bonding and the criteria involved for successful assembly.

See how the **IRS 2126** works as part of a real application in this adhesive [Case Study](#):

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<p>CASE STUDY</p> <p>intertronics adhesive, coating, sealant & adhesive for your manufacturing and technology applications</p> <p>IRS 2126 Flexible Epoxy Adhesive</p> <p>IRS 2126 Fast Cure Flexible Epoxy Adhesive</p> 	<p><u>Flexible epoxy adhesive gives strength and durability to mosaic art</u></p> <p>British artist Carrie Reichardt relies on our structural adhesives to ensure a strong bond in her creative pieces.</p>
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Our [Technical Bulletins & Articles](#) page has links to:

- [Instructions: 50ml Side-by-Side Double Syringe Cartridges](#)



Ordering Information

IRS 2126 is available in a convenient side-by-side double syringe cartridge, or in small twinpacks.

The IRS 2126-50KIT contains a 50 gram cartridge of epoxy, a dispensing gun and three static mixing nozzles. It is ideal for product evaluations or small quantity users.



IRS 2126 Fast Cure Flexible Epoxy
Adhesive



Part number	Description
<div>IRS2126-50G</div> <div></div>	Fast Cure Flexible Epoxy Adhesive, Double Syringe Cartridge, 50 gram
IDM805001	Dispensing Gun
IDM2N10	Static Mixing Nozzle (pkg 10)
<div>IRS2126-50KIT</div> <div></div>	Fast Cure Flexible Epoxy Adhesive Kit – Contains 50 gram cartridge of epoxy, a dispensing gun and three static mixing nozzles

IRS 2126 Fast Cure Flexible Epoxy Adhesive



Part number	Description
<div>IRS2126-10G</div> <div><div>SHOP </div></div>	<div>Fast Cure Flexible Epoxy Adhesive, Twinpack, 10 gram</div>

Storage: Store in the original unopened containers under cool dry conditions between 15° and 25°C.

Let’s start by talking about your application

IRS 2126 Fast Cure Flexible Epoxy Adhesive



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orders@intertronics.co.uk

- Name*
- Company*
- Phone*
- Email*
- Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

-
- Tell us about your application

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Comments

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