

Bonding The Adhesive Market

Innova Solutions Launch Adhesive's LSE 110B and XST 110HT As The Solution To Bonding Metals and Plastics

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SUMMARY

Innova Solutions are launching a new range of bonding tapes that have been engineered to work with metals, both bare and painted, as well as plastics, both low surface energy (LSE) and non-LSE. The two products offer incredible bond strength, resulting in durability and longevity, an essential requirement when bonding surfaces in the signage and manufacturing industries.

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Bonding the simplest of materials can become a complex challenge, but when those materials are low surface energy plastics, it can become extremely difficult. Low surface energy materials prevent adhesives gripping to them (a process known as 'wetting out'), instead the bonding

tape will simply slide away. In order to avoid this, the surface energy of the adhesive must be lower than that of the material being bonded. Innova Solutions have therefore formulated a bonding tape with an ultra low surface energy making it suitable for the most demanding of tasks.

Michael Thompson, Technical Support Manager, said;

"We've listened to our customers and we understand first hand difficulties of dealing with textured or uneven surfaces, especially when they have low surface energy. We believe these products will provide a solution to a problem we regularly see our clients face. Foam bonding tapes offer a number of benefits that mechanical fixings simply can't compete with, we're expecting big things from these products."

The benefits of these products are endless, they've been specifically designed to withstand

extreme temperatures, UV, water, chemicals and solvents. They both come with an easy release siliconised filmic liner that improves assembly times. As well as ultra high shear and high cohesion ensuring they remain strong under stress. Both of these products can replace spot welds and mechanical fasteners.

XST 110HT has been created to use for bare metals and non-LSE plastics, whereas LSE 110B has been formulated for painted or post powder coated metals and LSE plastics. Both products are part of the NovaBond range; first launched 10 years ago it has been a huge hit in the industry. The range is environmentally friendly, as well as solvent-free.

Both these products are made of heavy duty black acrylic with a red PE film liner and 1.10mm thickness. They are available in 33m rolls with 12mm, 19mm and 25mm widths. Temperature resistance ranges from -40c to +150c for long term fittings.



RELEVANT LINKS

Innova Solutions Website

<http://www.innovasolutions.co.uk>

XST 110HT Product Page

<http://innovasolutions.co.uk/product/bonding-tapes/novabond-signfix-xs110-ht/>

LSE 110B Product Page

<http://innovasolutions.co.uk/product/bonding-tapes/novabond-signfix-lse-110b/>

XST 110HT Technical Data Sheet

<http://innovasolutions.co.uk/wp-content/uploads/2015/08/TDS072-NovaBond-XS100HT-Issue-1-Sept-15.pdf>

LSE 110B Technical Data Sheet

<http://innovasolutions.co.uk/wp-content/uploads/2015/08/TDS073-NovaBond-SignFix-LSE-110B-Issue-1-Sept-15.pdf>

QUOTES

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— Michael Thompson

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Bonding people. Fixing problems

There are high strength bonding tapes and eco-friendly adhesives for an infinite number of applications. Yet when you want one to meet your specific needs can you find the guidance you need?

When Innova Solutions started trading in 2002 we didn't think so. In fact that's one of the reasons for our very existence. How much better would it be, we thought, if you knew exactly why high strength bonding tape A was better for your application than high strength bonding tape B?

That's what we do, with an enthusiastic team who know their stuff and take real pride in supplying exceptional adhesives and the practical advice to help you buy wisely.

Eco-friendly people. Eco-friendly adhesives

The environment has always been a part of our ethos because it's right outside our door. With the beautiful Lancashire countryside all around us, we're reminded daily that what we do – and how we do it – matters.

That's why so much of what we do blends high specification capabilities with an environmentally-friendly formulation. Take the new NovaBond XS (Extra Shear) range of foamed acrylic tapes. They're cured by UV, so no solvents are present in the production process or final product.

Or NovaSol NC, a non-chlorinated range of plastic welding adhesives which are safer to handle and dispose of.

The bonding people

For signage, construction, automotive and point of sale, find the high strength bonding tapes and eco-friendly adhesives for your application at Innova Solutions.



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