

CASE STUDY

BOX LATCH™ PRODUCTS AT AUSTRALIA'S WSP & REDARC

Box Latch™. In a first for Australia, Wiring Solutions Plus (WSP) at Underdale in South Australia wiringsolutions.com.au has completed the trial use of Box Latch™ Products with REDARC Electronics at Lonsdale redarcelectronics.com in a B2B closed-loop. “Made in the USA” Box Latch™ products, eliminate costly, labor intensive practices, reduce the potential for injuries and can be returned to WSP as collapsed cartons with Box Latches™ for re-use.



1. Photo from REDARC Electronics showing collapsed cartons and Box Latches™ awaiting return to WSP



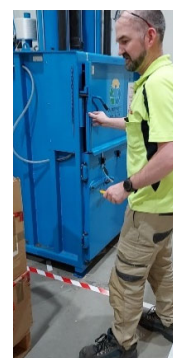
2. Photo from WSP showing an 11kg box with two Box Latches™ on the bottom and one on top

Packaging Tape Eliminated. Cartons are temporally closed with Box Latches™, palletised, shrink-wrapped and shipped to REDARC. A side benefit is that by eliminating the need for tape, this removes the risks for injuries and damage to box contents from sharp blades after arriving at REDARC. Anticipated reuse of these boxes is estimated to be about 20 times reducing box purchasing cost by over 90%.



3. Photo from WSP showing stacked palletised cartons with Box Latches™ and no tape. Ready for shrink-wrapping and shipment.

The Clip & Stack. Prior to this pilot project, when cartons arrived at REDARC, all four flaps were cut off to facilitate ease of access to the components for assembly. This step required 25 seconds and generated serious risks for lacerations and/or damage to the wiring looms. Inserting Clip & Stacks reduced the time to 6 seconds and allows REDARC to use another Box Latch™ product, the Clip & Stack, before returning the undamaged cartons to WSP.

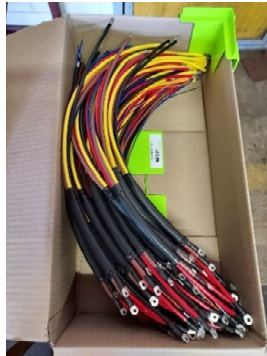


4. Previous process: Photos from REDARC showing four flaps being cut off WSP cartons and disposed into cardboard compactor

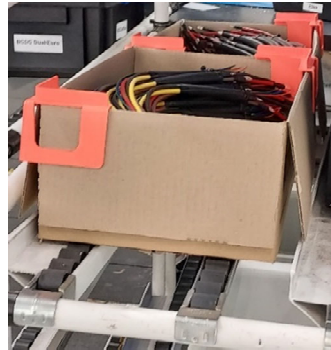
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To eliminate open box flaps from catching on roller systems feeding the assembler, one or two Clip & Stacks are used to keep flaps down and open as contents are added or removed. With the use of four C&S's, boxes can be stacked four high saving considerable floorspace.



5. WSP – packing looms placed in carton held open with Clip & Stack



6. REDARC New Process: Clip & Stack holds flaps down instead of cut off

As with the Box Latches™, the Clip & Stacks can be used hundreds or thousands of times. Enhancing its value even more, this innovative product allows for cartons to be stacked while open and constructed during slow times to be ready when needed at peak times.

Content approved by Futurebiz Pty Ltd T/As Wiring Solutions Plus and Redarc Electronics Pty Ltd

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