

MOULDED MVA 8 HOOK

Is a very high strength fastener that has been specially developed for applications requiring a more permanent fixing. It is ideal for:


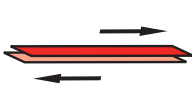
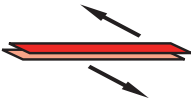
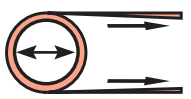

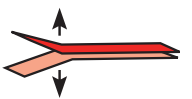
- Boating, marine, workshop and garage.
- Fixing electronic modules and signs.
- Securing office partition panels.
- Holding mats and carpets in place.
- Headlining and trim applications in the auto. industry.
- Optical fibre cabling.
- Fixing transformers in trucks.
- Fix trim panels, headboard in caravans.
- Installing wall and ceiling panels.
- Industrial polishing.

MVA 8 hook is a moulded nylon hook with an arrowhead design, formed through a patented process of continuous injection moulding. Moulded hook products offer the advantage of greatly increased holding strength derived from the hooks being moulded into a non-flexible configuration, so that the hook does not easily yield or “give” when mated to the loop portion of a closure. A moulded nylon hook tape component can be mated with woven nylon or polyester loop, forming a closure with almost twice the fastening strength of “standard” woven nylon hook and loop.

SPECIFICATIONS

COLOUR	22mm pre cut dots	25mm rolls
BLACK	•	•
AVAILABLE BACKING:	0172 / SEW ON	0172 / SEW ON
PACKAGING:	approximately 900 dots	20 metre rolls
		Custom cutting service available.
<i>Before using adhesives in production, the user should test the adhesive to determine the suitability for the intended use.</i>		

HOOK AND LOOP CLOSURE PERFORMANCE

WHEEL CYCLE LIFE IN PEEL MODE.	SHEAR STRENGTH LENGTH WISE. P.S.I. AVERAGE	SHEAR STRENGTH WIDTH WISE. P.S.I. AVERAGE	CURVED SHEAR ON 4 1/2" RADIUS P.S.I. AVERAGE	TENSION OR LATCHING EFFECT P.S.I. AVERAGE	PEEL STRENGTH LENGTH WISE. P.I.W. AVERAGE
					
MEDIUM/LOW	22	11	44	12	2.5

See the reverse side of this sheet for general information on this product.



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LIMITATIONS:

- As MVA 8 hook is a moulded tape, it lacks the flexibility of the woven nylon hook, as such, it will noticeably degrade the mating woven loop element as they are “cycled” (opened and closed) resulting in a sharply reduced closure life when compared with standard woven nylon hook and loop fasteners.
 - MVA 8 hook, being manufactured from a nylon polymer, tends to become brittle when exposed to prolonged cold temperatures and/or ultra-violet light (sunlight). Applications using MVA 8 hook should therefore reflect this consideration. Sewing attachment to flexible substrates recommended for indoor application only, due to its temperature sensitivity.
 - As MVA 8 hook is moulded of nylon polymer it has little or no porosity. Adhesive bonding method of attachment to a non-porous surface is thus difficult. In this context, adhesive solvents have little opportunity to evaporate, a process that is necessary to achieve a good adhesive bond. It is thus recommended that evaluation of the substrate material, to which the moulded hook would be attached, be made in all instances.
 - For sewing method of attachment, six stitches or less is recommended per inch. The high profile configuration contains ninety one arrowheads per square inch. As such, it will provide a deep penetration to engage in a semi-permanent closure, i.e. strong fastening with limited loop cycle life. It can also fasten into open pore cell foams. Particularly popular for the automotive, boating, building and carpet industries.
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USEFUL INFORMATION**Temperature Range**

HIGH	LOW
<i>93°C</i>	<i>-34°C</i>

Based Upon 1000 Hours of Exposure.

IMPORTANT NOTICE TO PURCHASER

All statements, technical advice and recommendations contained herein are based on tests believed to be reliable, but the accuracy thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace the quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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