

DELTA
THREE
OSCAR

SE **IMPACT PRINT™ (iP)**

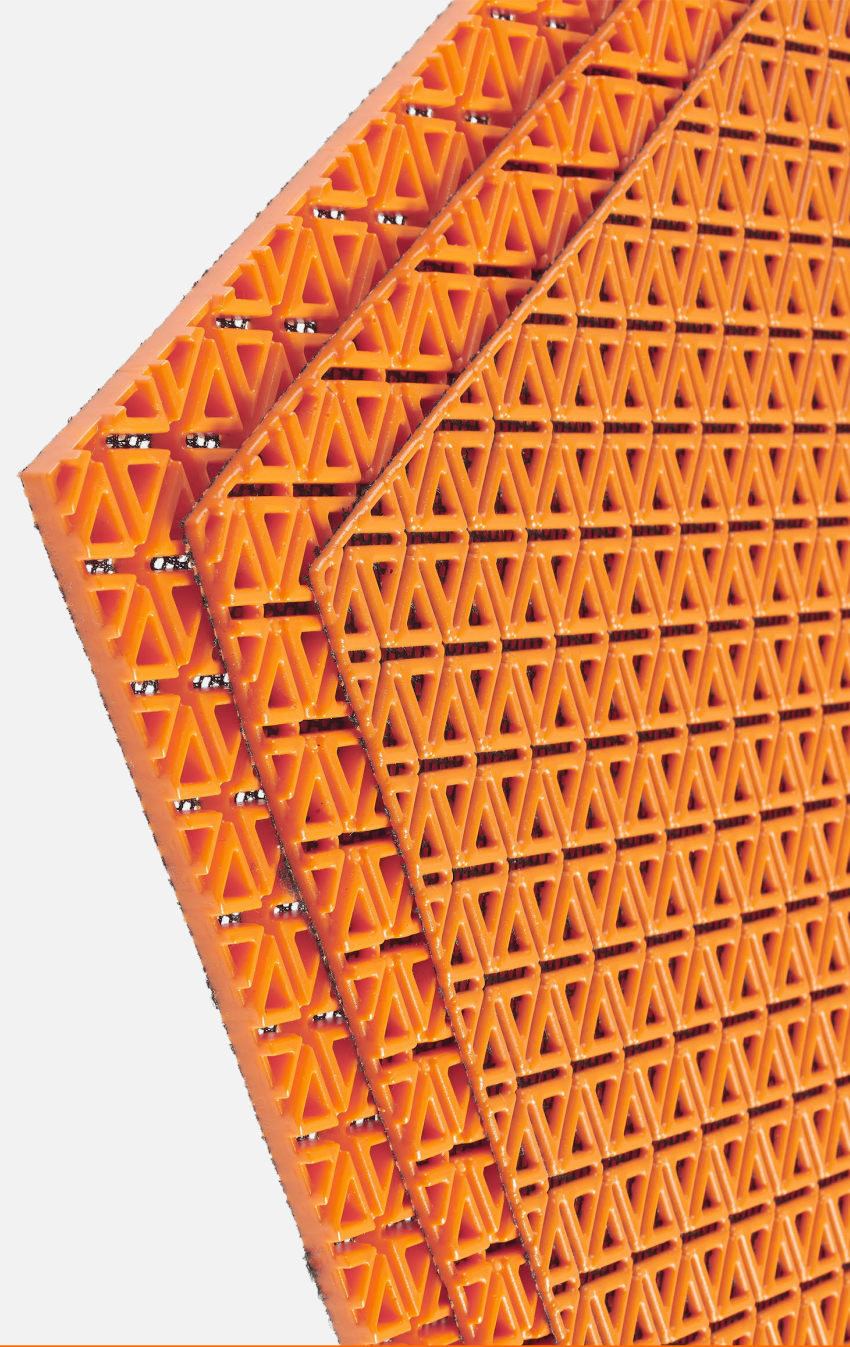
LIMB PROTECTION

HAND PROTECTION

SE IMPACT PRINT™ (iP)

D3O® Impact Print™ (iP) sheets deliver unrivalled flexibility and ventilation.

- **Low-profile and flexible:** Unmatched freedom of movement
- **Highly ventilated design:** Open geometry combined with mesh fabric encourages increased air flow and breathability
- **High performance:** Enhanced impact protection. Passes EN 1621-1 Level 1 at 6mm thickness
- **Size & Yield:** Increased sheet size offers greater yield, with easy alignment for die-cutting through geometry



SE **iP** SUGGESTED APPLICATIONS

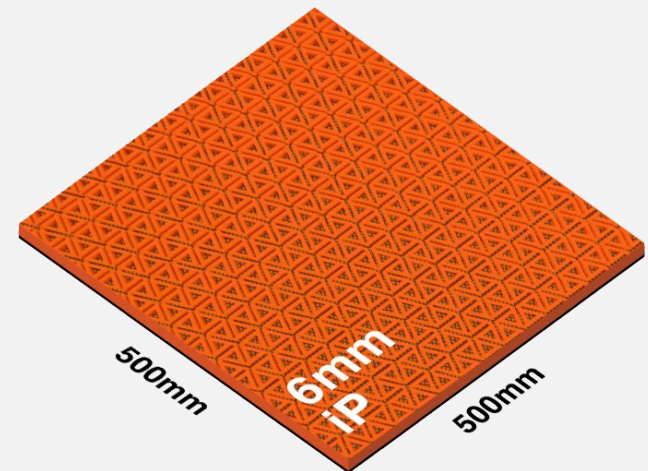
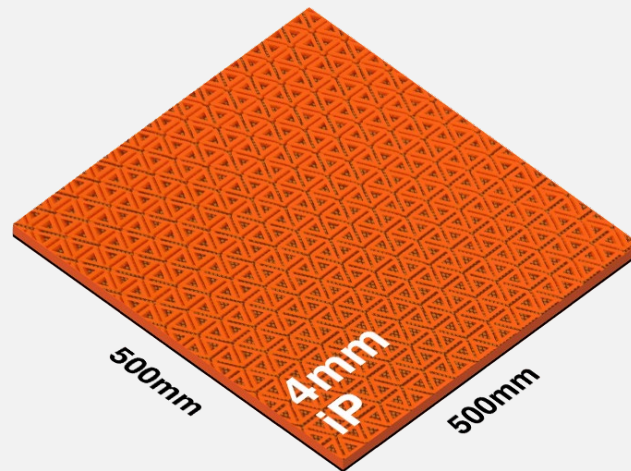
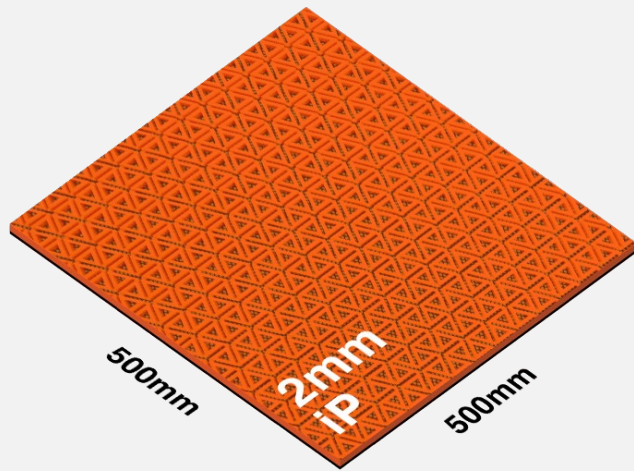


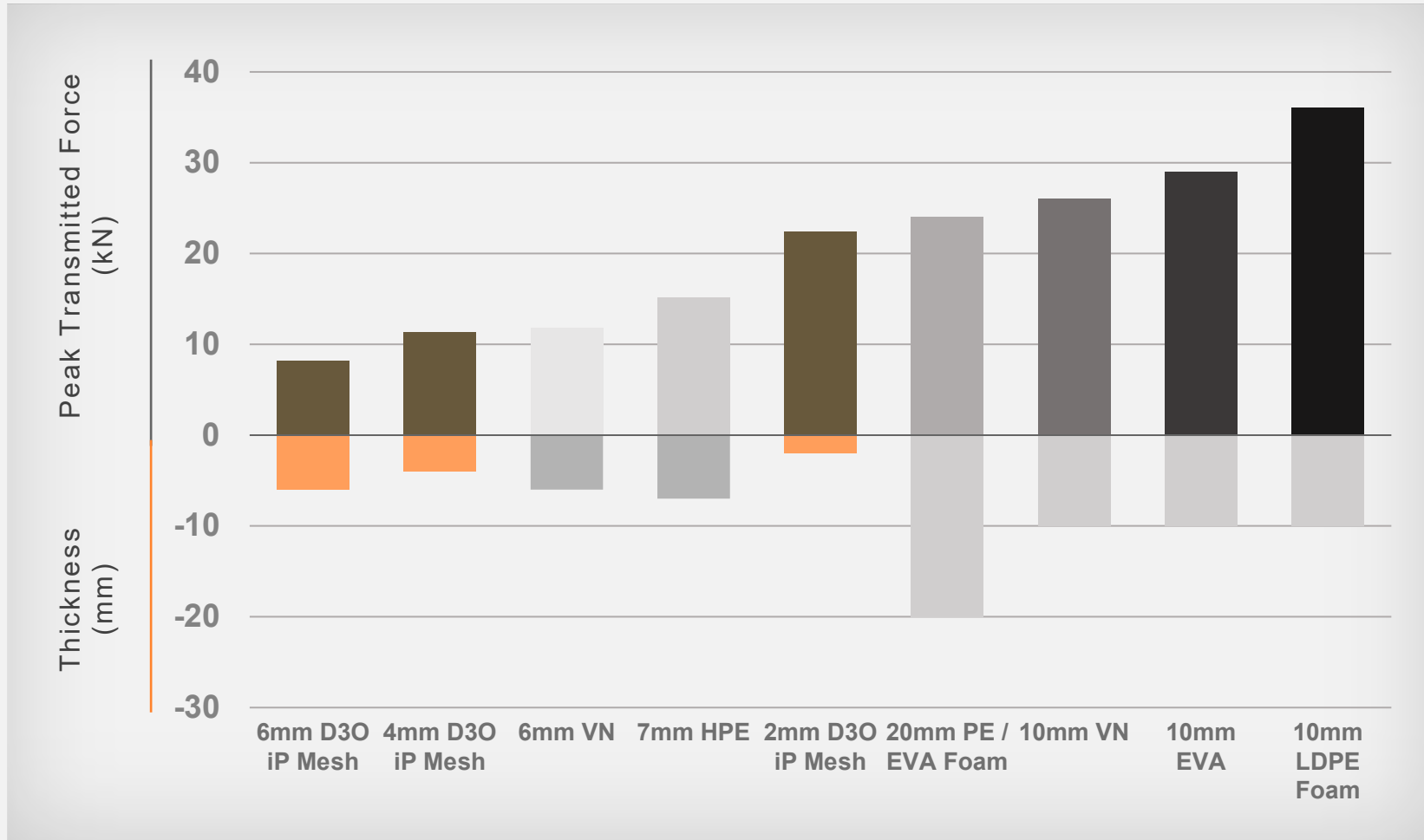
LIMB PROTECTION



BACK OF HAND PROTECTION

SE **iP** AVAILABLE THICKNESSES





Impact Energy: 10J
The lower the Peak Transmitted Force, the higher the impact protection



SE iP PROPERTIES

Product Name	Units	Method Reference	Impact Print™ Mesh 2mm Sheet – 500 x 500mm	Impact Print™ Mesh 4mm Sheet – 500 x 500mm	Impact Print™ Mesh 6mm Sheet – 500 x 500mm
Product Code	-	-	14205	14055	14056
Colour	-	-	Orange	Orange	Orange
Dimensions	mm	-	500 x 500	500 x 500	500 x 500
Thickness	mm	-	2	4	6
Weight	g	-	310	620	920
Material Code	-	-	SE006	SE006	SE006
Material Type	-	-	Set Elastomer	Set Elastomer	Set Elastomer
Fabric	-	-	Mesh	Mesh	Mesh
Hardness	Shore A	ASTM D2240 - 05 (2010)	60.6		
Density	g/cm3	ISO 845:2009	1.04		
Material Tensile Strength	N/mm2	ISO 1798:2008	10		
Material Elongation at Break	%	ISO 1798:2008	378.7		
Trouser Tear Strength	N/mm	SATRA TM65	6.6		
Material Flexural Modulus	MPa	DTS052	5.9		
Material Tensile Modulus	MPa	DTS061	5.6		
Material Water absorbency	%	DTS028	8		
Material Accelerated ageing (heat)	%	BS EN ISO 2440:2000	2.7		
Material Accelerated ageing (humidity)	%	BS EN ISO 2440:2000	-2.2		



FURTHER INFORMATION

For full details including material properties and product tolerances, please request SOQ document from a Delta Three Oscar representative. The information provided is not intended to and does not create any warranties, expressed or implied, including any warranty of merchantability of fitness for a particular purpose. This data sheet shall not be reproduced or amended without the written consent of Design Blue Limited.

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