

DELTA
THREE
OSCAR

SF **AEROMAX**

KNEE PROTECTION

BODY PROTECTION

LOAD CARRIAGE

HAND PROTECTION

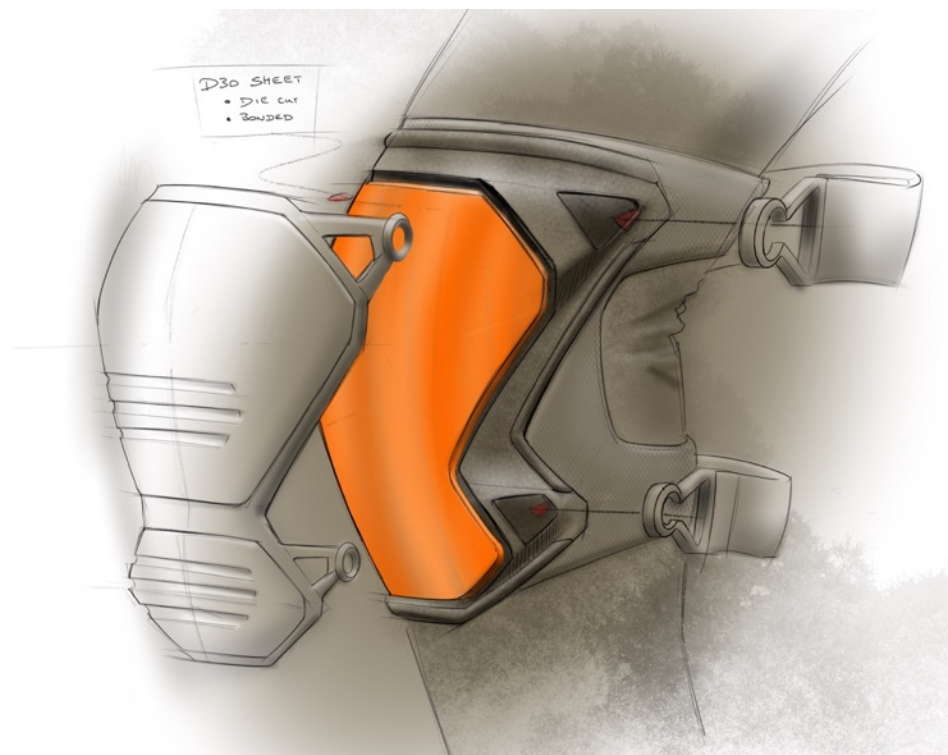
SF AEROMAX

D3O® AeroMax takes similar performance properties of D3O® Aero and makes it available in larger sheets to increase customer yield and potential applications.

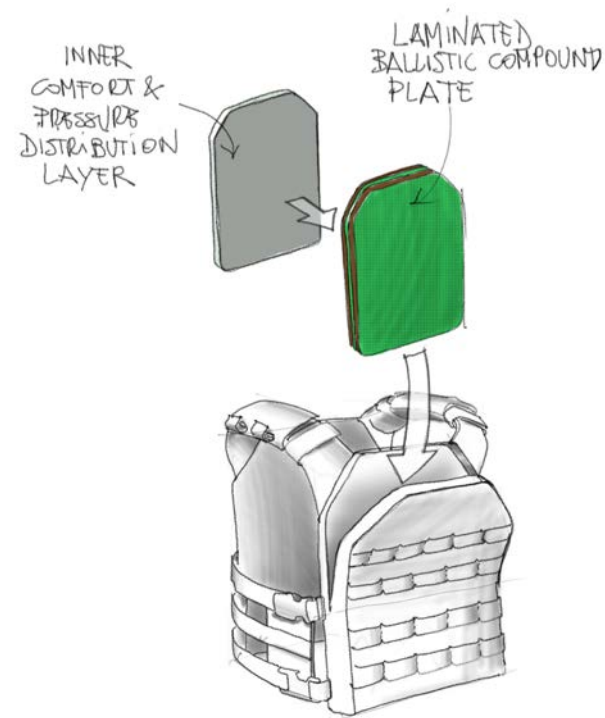
- Lightweight, soft and flexible material
- Optimised for low to moderate impact energies
- Frequently used for helmet liners, palm padding and back of hand protection
- Simple integration means the product development process can be greatly accelerated
- Freedom and flexibility to die cut to suit your application
- Skived format is suitable for adhesion and lamination.



SF AEROMAX SUGGESTED APPLICATIONS

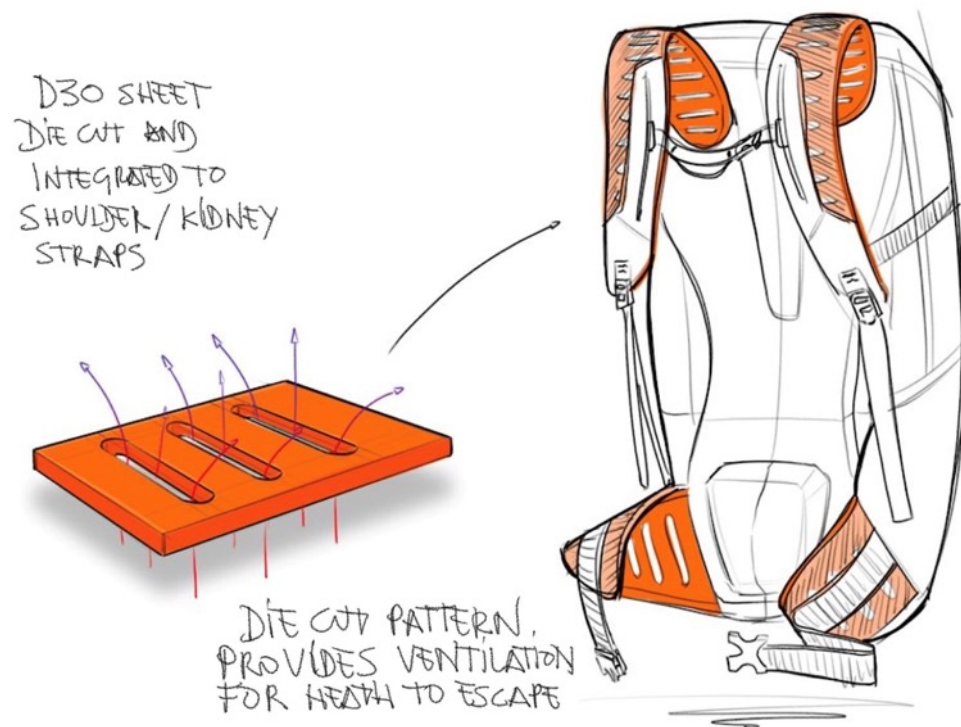


KNEE PROTECTION



BODY PROTECTION

SF AEROMAX SUGGESTED APPLICATIONS



LOAD CARRIAGE



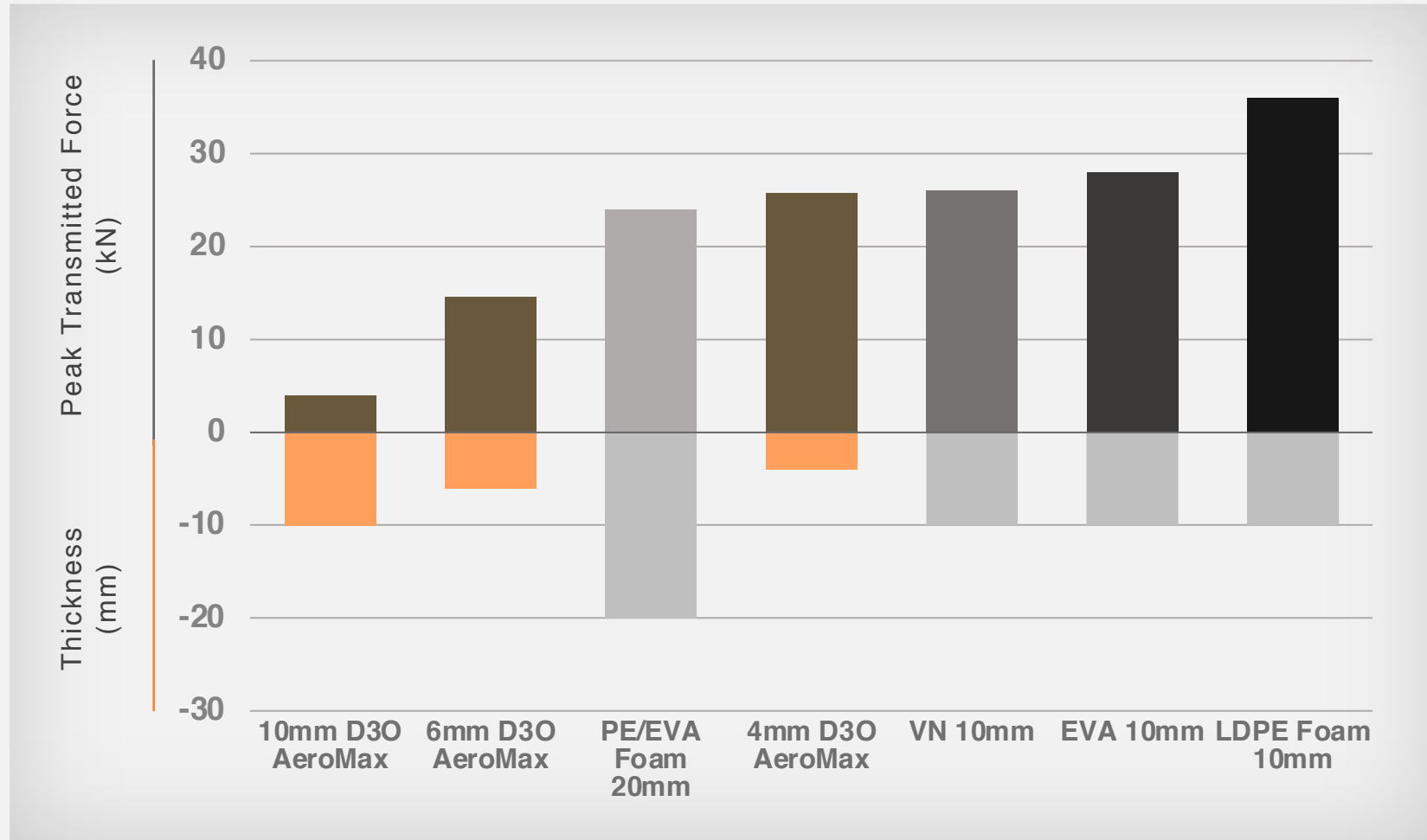
PALM PADDING



BACK OF HAND
PROTECTION

SF AEROMAX AVAILABLE THICKNESSES



SF AEROMAX IMPACT PROTECTION

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

SF AEROMAX PROPERTIES

Product Name	Units	Method Reference	AeroMax Skived 2mm Sheet – 1000 x 1000mm	AeroMax Skived 4mm Sheet – 1000 x1000mm	AeroMax Skived 6mm Sheet – 1000 x 1000mm	AeroMax Skived 8mm Sheet – 1000 x 1000mm	AeroMax Skived 10mm Sheet – 1000 x 1000mm
Product Code	-	-	13440	13441	13657	14195	13591
Colour	-	-	Orange	Orange	Orange	Orange	Orange
Dimensions	mm	-	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000
Thickness	mm	-	2	4	6	8	10
Weight	g	-	442	884	1326	1808	2210
Material Code	-	-	SF028	SF028	SF028	SF028	SF028
Material Type	-	-	Set Foam	Set Foam	Set Foam	Set Foam	Set Foam
Hardness	Shore 00	ASTM D2240 - 05 (2010)	35.9				
Density	g/cm ³	ISO 845: 2009	0.22				
Material Tensile Strength	N/mm ²	ISO 1798:2008	0.5				
Material Elongation at Break	%	ISO 1798:2008	135.8				
Material Split Tear Strength	N/mm	SATRA TM65	0.4				
Material Flexural Modulus	MPa	DTS052	0.3				
Material Tensile Modulus	MPa	DTS061	0.5				
Material Deceleration (4.5J)	g	DTS002-2	8.5				
Material Accelerated ageing (heat)	%	BS EN ISO 2440:2000	6.7				
Material Accelerated ageing (humidity)	%	BS EN ISO 2440:2000	-10.4				



FS 635493

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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