



D3O® TRUST HELMET PAD SYSTEM

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D3O's unique patented technology provides both enhanced protection and a versatile, flexible material for a host of shock absorption and impact protection applications.

Constructed using D3O's newly engineered Decell material, the helmet liner system provides extreme comfort and high performance protection which exceeds the required level of protection by 33% in the Advanced Combat Helmet (ACH) tests at 10ft/sec.

The 7-pad system fits most ground combat helmets. Each helmet pad in this replacement/upgrade system features a unique geometry that allows the pad to fit the shape of the head and offers superior deceleration under blunt impact tests vs. market leading competitors.

- High Performing
- Features D3O's proprietary technology
- Composite Solution
- Unique auxetic geometry
- Fully customisable with hook and loop attachment
- Lined with technical wicking fabric

D3O® TRUST HELMET PAD SYSTEM



PAD EXPLODED VIEW



PADS ARE INTEGRATED INSIDE HELMET

FULLY CUSTOMISABLE



UNIQUE AUXETIC GEOMETRY



MOISTURE WICKING FABRIC FOR COMFORT



For more information on the D3O® TRUST Helmet Pad System, please contact your D3O Business Development Manager



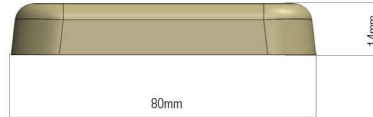
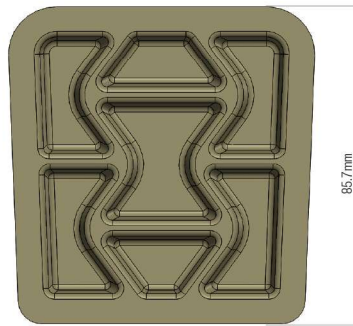
D30® TRUST HELMET PAD SYSTEM

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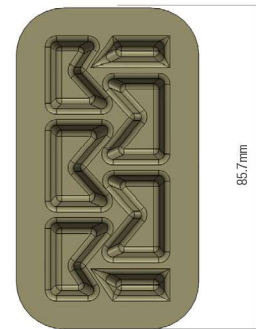
CIRCULAR



TRAP



OBLONG



D30® Helmet Pad System - physical properties

Name	Circle Pad	Trap Pad	Oblong Pad
Code	11306	11304	11305
Dimensions (mm)	127 x 127	80 x 85.7	47.6 x 85.7
Thickness (mm)	14	14	14
Density (g/cm ³)	0.27	0.28	0.28
Hardness (Shore 00)	66	66	66
Volume (cm ³)	80	54.5	38.5

Values shown represent typical physical properties.
For full details, please request SOQ document from D30 representative.
For general material data, please visit the website: www.D30.com

D30 Helmet Pad System placed in the ACH (Active combat helmet) at 10ft/sec.

Deceleration measured according to the US Army ACH performance specification (SPM1C1-11-R-118) at Chesapeake.

