

D3O® P10

D3O uses patented, patent-pending and proprietary technologies to make rate-sensitive, soft, flexible materials with high shock absorbing properties.

The D3O® P10 Knee Pad is a unique modular component system that offers superior impact protection and comfort for defence, tactical and industrial PPE applications. Depending on requirements, the high-performance D3O® P10 is available with or without an Advanced Vibram® Rubber Outer Cap.

Compared to competing knee protection solutions, the D3O® P10 delivers a 50% reduction in transmitted force for superior impact protection, while being 50% thinner for improved mobility and comfort in demanding environments.

Developed to attenuate hard and sharp impact energies, the Advanced Vibram® Rubber Outer Cap provides enhanced stealth versus traditional hard plastic outer shells due to its soft and flexible material properties, while also meeting puncture, flammability and abrasion standards.

PRODUCT FEATURES

- Modular component system
- Low-profile and lightweight
- Advanced Vibram® Rubber Outer Cap meets flammability standard*
- Rigorously tested to abrasion** and puncture standards***
- Highly durable, soft and flexible materials
- Berry-compliant option available



MODULAR COMPONENT SYSTEM - OFFERS INTEGRATION FLEXIBILITY



LOW-PROFILE AND LIGHTWEIGHT - SUPERIOR SHOCK ABSORPTION WITH IMPROVED MOBILITY AND COMFORT



HIGHLY SOFT AND FLEXIBLE ADVANCED VIBRAM® RUBBER OUTER CAP - DELIVERS ENHANCED STEALTH



AVAILABLE IN
4 DIFFERENT
COLOURWAYS

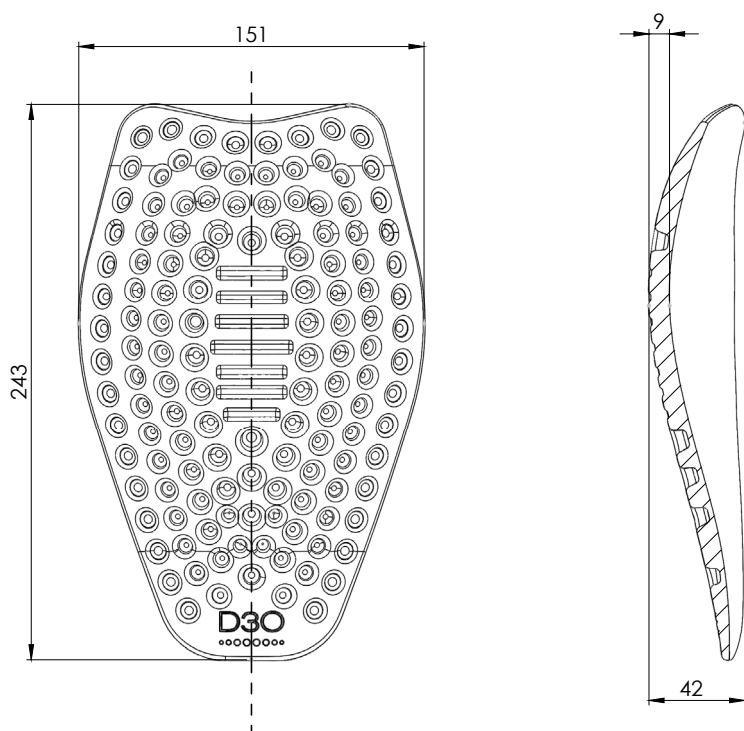
©2020 Design Blue Limited. All rights reserved.

*Passes EN ISO 15025:2002 requirements. Clause 8.1.2 Limited flame spread Procedure A Surface Ignition. **Tested to ISO 4649:2010 despite no pass/fail requirements. However, results meet the requirement of ISO 20345:2011 when compared. ***Conducted using internal test method DTS015 (designed to replicate EN 863) with LP2 knee sample included. Level 1 Penetration requirements of EN 14404:2010 met. Values shown represent typical product characteristics. For full details including material properties and product tolerances, please request SOQ document from D3O representative. The information provided is not intended to and does not create any warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose. This data sheet shall not be reproduced or amended without the written consent of Design Blue Limited

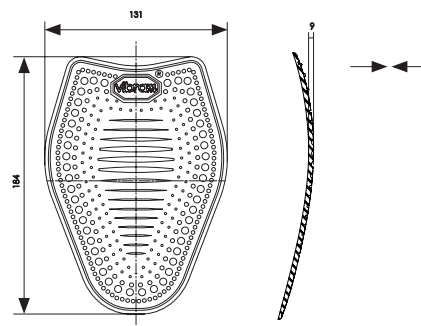
For more information on the D3O®P10, please contact your D3O Business Development Manager

TRUSTED IMPACT PROTECTION™

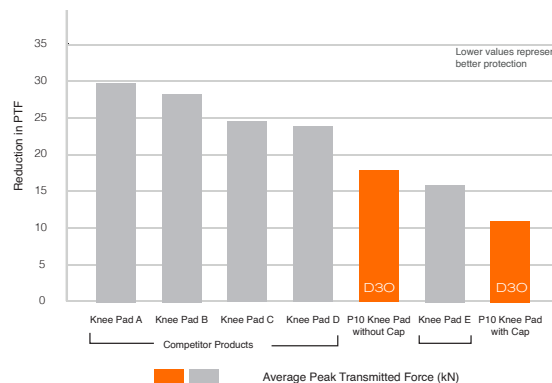
D3O® P10



NOTE: D3O® P10 size large specification shown. For full product availability and size range, see below.



D3O® P10 - tested to EN 1621 (20 J)



D3O® TP10 - Product Details (China)

Product Name	D3O® P10	Vibram® Rubber Cap Coyote (S)	Vibram® Rubber Cap Coyote (L)	Vibram® Rubber Cap Black (S)	Vibram® Rubber Cap Black (L)	Vibram® Rubber Cap Mojave (S)	Vibram® Rubber Cap Mojave (L)	Vibram® Rubber Cap Grey (S)	Vibram® Rubber Cap Grey (L)
Product Code	12936	12981	12980	12982	12983	13107	13108	13234	13233
Material Code	SF019	-	-	-	-	-	-	-	-
Dimensions (mm)	151 x 243	100 x 140	131 x 184	100 x 140	131 x 184	100 x 140	131 x 184	100 x 140	131 x 184
Thickness (mm)	9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Weight (g)	54	54	116	54	116	54	116	54	116

D3O® P10 - Product Details (USA)

Product Name	D3O® P10	Vibram® Rubber Cap Coyote (S)	Vibram® Rubber Cap Coyote (L)	Vibram® Rubber Cap Black (S)	Vibram® Rubber Cap Black (L)	Vibram® Rubber Cap Mojave (S)	Vibram® Rubber Cap Mojave (L)	Vibram® Rubber Cap Grey (S)	Vibram® Rubber Cap Grey (L)
Product Code	13235	13330	13331	13332	13333	13334	13335	13328	13329
Material Code	SF019	-	-	-	-	-	-	-	-
Dimensions (mm)	151 x 243	100 x 140	131 x 184	100 x 140	131 x 184	100 x 140	131 x 184	100 x 140	131 x 184
Thickness (mm)	9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Weight (g)	54	54	116	54	116	54	116	54	116

©2020 Design Blue Limited. All rights reserved.

*Passes EN ISO 15025:2002 requirements. Clause 8.1.2 Limited flame spread Procedure A Surface Ignition. **Tested to ISO 4649:2010 despite no pass/fail requirements. However, results meet the requirement of ISO 20345:2011 when compared. ***Conducted using internal test method DTS015 (designed to replicate EN 863) with LP2 knee sample included. Level 1 Penetration requirements of EN 14404:2010 met. Values shown represent typical product characteristics. For full details including material properties and product tolerances, please request SOQ document from D3O 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

TRUSTED IMPACT PROTECTION™