

PROTECH®

Technical Specification

X-CAL DT C1



General

Test Standard(s)	Independently Tested
Description	ICW Special Threat Plate
Part Number	<p>1345365 - PTA-PL X-CAL DTC1 ICW SAPI Small 8.75 x 11.75</p> <p>1345366 - PTA-PL X-CAL DTC1 ICW SAPI Medium 9.5 x 12.5</p> <p>1345367 - PTA-PL X-CAL DTC1 ICW SAPI Large 10.25 x 13.25</p> <p>1345368 - PTA-PL X-CAL DTC1 ICW SAPI X-Large 11 x 14</p> <p>1345363 - PTA-PL X-CAL DTC1 ICW 10x12 Mc Sh</p> <p>1345364 - PTA-PL X-CAL DTC1 ICW 8x10 Mc Re</p> <p>1345369 - PTA-PL X-CAL DTC1 ICW 6x6 Sc Re</p>

Design

Armor Material	Ceramic/Polyethylene Composite
Plate Covering	1000-Denier Cordura®
Weight (approx.)	<p>1345365 - X-CAL DTC1 ICW SAPI Small 8.75 x 11.75 – 3.23 lbs. (1.5 kg)</p> <p>1345366 - X-CAL DTC1 ICW SAPI Medium 9.5 x 12.5 – 3.76 lbs. (1.7 kg)</p> <p>1345367 - X-CAL DTC1 ICW SAPI Large 10.25 x 13.25 – 4.24 lbs. (1.9 kg)</p> <p>1345368 - X-CAL DTC1 ICW SAPI X-Large – 4.89 lbs. (2.2 kg)</p> <p>1345363 - X-CAL DTC1 ICW 10x12 Mc Sh – 3.60 lbs. (1.6 kg)</p> <p>1345364 - X-CAL DTC1 ICW 8x10 Mc Re – 2.63 lbs. (1.2 kg)</p> <p>1345369 - X-CAL DTC1 ICW 6x6 Sc Re – 1.20 lbs. (0.5 kg)</p>
Thinness (approx.)	0.80" (2.1 cm)
Curvature	Multi-Curve

Performance – Threats tested on separate plates –ICW Listed Soft Armor Packages

**The following package configurations defeat 6 impacts of the rounds specified below:*

Independent NIJ Laboratory Special Threat Testing	BA – 3A00S – SX02	BA – 3A00S – SM02	BA – 3A00S – XT03	BA – 3A00S – MR02
5.56 X 45-mm, 62 gr. M855 Green Tip (SS109) – 6 Impacts	X	X	X	X
5.56 X 45-mm, 55 gr. (M193) – 6 Impacts	X	X	X	X
7.62 x 39-mm, 123 gr. MSC – 6 Impacts	X	X	X	X
7.62 x 51-mm, 147 gr. NATO FMJ (M80) – 6 Impacts	X	X	X	X