

# PROTECH<sup>®</sup>

## TECHNICAL SPECIFICATION

### TSI Series of Ballistic Shields



#### General

Test Standard(s)	NIJ Standard – 0108.01 (Pass/Fail Only) – Type IIIA
Test Round(s)	9mm, 124 gr. FMJ – 5 Impacts .44 Magnum, 240 gr. LSWC – 5 Impacts
Part Number	1163976 – PTA-S TSI 1 20X34 HZ 1171174 – PTA-S TSI 1 20X34 3P 1002700 – PTA-S TSI 2 24X36 HZ 1175465 – PTA-S TSI 2 24X36 3P 1164024 – PTA-S TSI 3 20X48 HZ

#### Design – Shield Body

Armor Material	Aramid Composite
Size (approx.)	1163976 – PTA-S TSI 1 20X34 HZ – 20” L x 34” W (51 cm x 86 cm) 1171174 – PTA-S TSI 1 20X34 3P – 20” L x 34” W (51 cm x 86 cm) 1002700 – PTA-S TSI 2 24X36 HZ – 24” L x 36” W (61 cm x 91 cm) 1175465 – PTA-S TSI 2 24X36 3P – 24” L x 36” W (61 cm x 91 cm) 1164024 – PTA-S TSI 3 20X48 HZ – 20” L x 48” W (51 cm x 122 cm)
Coverage (approx.)	1163976 – PTA-S TSI 1 20X34 HZ – 680 in <sup>2</sup> (4,387 cm <sup>2</sup> ) 1171174 – PTA-S TSI 1 20X34 3P – 680 in <sup>2</sup> (4,387 cm <sup>2</sup> ) 1002700 – PTA-S TSI 2 24X36 HZ – 864 in <sup>2</sup> (5,574 cm <sup>2</sup> ) 1175465 – PTA-S TSI 2 24X36 3P – 864 in <sup>2</sup> (5,574 cm <sup>2</sup> ) 1164024 – PTA-S TSI 3 20X48 HZ – 960 in <sup>2</sup> (6,194 cm <sup>2</sup> )
Outer Covering	ABS

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#### *Design – Shield Viewport*

Armor Material	Acrylic/Polycarbonate Composite
Size (approx.)	4" L x 10" W (10 cm x 25 cm)
Orientation	Multi-layered (strike face and side side) 1" overlapping design Mechanically Secured

#### *Features*

Weight (approx.)	1163976 – PTA-S TSI 1 20X34 HZ – 15.0 lbs. (7 kg) 1171174 – PTA-S TSI 1 20X34 3P – 15.0 lbs. (7 kg) 1002700 – PTA-S TSI 2 24X36 HZ – 16.0 lbs. (8 kg) 1175465 – PTA-S TSI 2 24X36 3P – 16.0 lbs. (8 kg) 1164024 – PTA-S TSI 3 20X48 HZ – 16.5 lbs. (9 kg)
Curvature	Flat
Handle Type	Nylon strap w/rubber grip
Standard Accessories	"SHERIFF" Decal 18" L x 3" W (46 cm x 8 cm) "POLICE" Decal 18" L x 3" W (46 cm x 8 cm) Forearm

#### *Options*

Optional Accessories	Carry Bag <ul style="list-style-type: none"> <li>- 1002756 – TSI 1 &amp; 2</li> <li>- 1002758 – TSI 3</li> </ul> Hood <ul style="list-style-type: none"> <li>- 1002757 – TSI 1 &amp; 3</li> <li>- 1156828 – TSI 2</li> </ul> Viewport Cover Set <ul style="list-style-type: none"> <li>- 1158611 – All</li> </ul>
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*Performance – Independently Tested*

FN 5.7 x 28mm 40 gr. SS197 (Blue Tip)	1760 avg. ft/s (536 avg. m/s) – 5 Impacts
9mm 127 gr. SXT	1232 avg. ft/s (376 m/s) – 5 Impacts
.357 SIG 125 gr. TMJ	1384 avg. ft/s (422 m/s) – 5 Impacts

 **WARNING**

**WARNING:** This product can expose you to chemicals including Methylene chloride, BPA, Lead, Acrylonitrile, Ethyl Acrylate, Formaldehyde, or Methanol, which are known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).