


Product Details	
<b>Model Number</b>	TLS-F7L
<b>Material</b>	Polycarbonate
<b>Color</b>	Dark Grey
<b>Product Weight</b>	25 g.
<b>Specification</b>	ANSI Z136
<b>Description</b>	Laser & high intensity light protection shield designed to be field mounted without tools to the front of the Paulson DK7 face shields.
<b>Visible Light Transmittance</b>	>3%
<b>Hazard Analysis &amp; Training</b>	A Laser Safety Officer (LSO) should review the laser hazard and determine the protection level required. The LSO should review the requirements of ANSI Z136.1.
<b>Competitive Advantage</b>	<ul style="list-style-type: none"> <li>Designed to reduce the dazzle effect of red, green, blue, violet and other colors of laser pointers up to a rating of 3R for an exposure time of 1/4<sup>th</sup> of a second.</li> <li>The &gt;OD1 rating applies for wavelengths 405nm to 660nm. This equates to a &gt;90% absorption of the laser beam.</li> <li>Designed to allow a small percentage of laser to pass through the shield, enabling the user to identify the source of the laser while not being harmed.</li> <li>Attachment system allows for easy removal and cleaning.</li> <li>Shield provides laser protection directly in user's field of view, while looking below the product allows for clear vision.</li> </ul>
<b>Applications</b>	Police, Sheriff, National Guard, University Police, Riot Squad, Military, SWAT
<b>Country of Origin</b>	USA
<b>CA Prop. 65 Warning</b> 	Reproductive - For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>Comments</b>	Helmet not included. Face shield sold separately.
<b>Warning</b>	<ul style="list-style-type: none"> <li>This product does not provide unlimited protection to laser exposure. Do not stare into the beam.</li> <li>Never use this product to look at any laser beam.</li> <li>Regardless of the rating on the Laser Device it may produce a beam at a higher power. This can produce a dangerous level of laser light.</li> <li>This product may affect color perception.</li> </ul>

<b>Optical Density Chart (typical values)</b>			
<b>Pointer Category</b>	<b>Pointer Type</b>	<b>Actual Test Wavelength</b>	<b>Optical Density</b>
405nm Violet	Diode	403nm	OD 1.8
445nm Blue	Diode	445nm	OD 1.5
510-525 Light Green	Diode	511nm	OD 1.4
532 Lime Green	FD DPSS	532nm	OD 1.3
593 Amber	OPO	593nm	OD 1.4
632 Red	HeNe	632.8nm	OD 1.6
635 Red	Diode	637nm	OD 1.6
650 Ruby Red	Diode	655nm	OD 1.6
660 Ruby Red	Diode	660nm	OD 1.7

<b>Assembly &amp; Care</b>
<ol style="list-style-type: none"> <li>1. Remove product from package and peel protective film from both sides. The front is the side marked with the labeling. Retain the box for future storage.</li> <li>2. Clean the original shield front surface with mild soap and water, rinse and pat dry. Wipe area for hook and loop attachment with 91% isopropyl alcohol and let dry.</li> <li>3. Place the laser shield onto the front surface of the face shield. Peel adhesive strips from loop pads and press into place at ends.</li> <li>4. The laser shield does not pivot independent of the face shield.</li> <li>5. Inspect the laser shield for damage, replace if scratched, damaged, or faded from exposure to the sun.</li> <li>6. Disassemble the laser shield for cleaning, separating hook and loop attachment at ends of shield. Clean the laser shield with mild soap and water, pat dry.</li> <li>7. Do not overexpose this product to sunlight.</li> <li>8. If product is removed and stored, use original box.</li> </ol>

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