



TECHNICAL INFORMATION



Shell Technologies



CRP SHELL TECHNOLOGY

Carbon Fiber Reinforced Polymer Shell [CRP] provides an incredible strength to weight ratio, rigidity and impact performance. By carefully laminating fibers with different properties and directions, we're able to create a super light, optimized helmet shell. An invention from the cold war put to good use.



TLC SHELL TECHNOLOGY

Thermoplastic Laminated Carbonfiber [TLC] combines the elasticity of injection-molded thermoplastic with the rigidity and strength of carbon fiber. It enables us to very effectively tune the shell for different properties in different areas for optimized performance. Assembled in a climate controlled environment for optimal performance.



LFT SHELL TECHNOLOGY

Long Fiber Thermoplastic [LFT] is a combination of super tough Polyamide and long fiberglass injected together. The LFT Shell Technology is super tough and offers a great combination of elasticity and rigidity. This greatly improves impact performance in low volume helmets.



ABS THERMOPLASTIC SHELL

The injection molded ABS Thermoplastic Shell is super impact resistant through its special rubber toughened construction. It offers great durability and protection performance.

Impact Absorption Technologies



EPP SHOCK ABSORBING LINER

The molded Expanded Polypropylene [EPP] liner provides very durable shock absorbing properties. It will cope with high energy levels and provides some memory. Also, it's super light.



EVA SHOCK ABSORBING LINER

The Ethylene Vinyl Acetate [EVA] Shock Absorbing Liner provides great low volume shock absorption. The liner offers high memory and low temperature toughness and crack resistance, providing great protection for low speed impacts.



SAS-TEC SC-1 [SC - Safety Comfort]

The new generation of body protection systems. The multi impact visco-elastic shock absorbing foam is soft and comfortable with extraordinary dampening values. The perfect response to any kind of impact!

Comfort & Fit



OCCIGRIP

Makes the helmet easily adjustable with a low volume mechanism. The Occigrip construction provides a firm and comfortable fit and prevents the helmet from rolling on your head.



DIRECT VENTILATION

Keeps your head cool. The number of vents and their configuration varies. The more vents, the cooler you will be.



COOLMAX LINER

A stitched, full covering liner made from the anti allergenic and moisture wicking Coolmax material. It provides great comfort in a wide range of temperatures.



COMFORT PADS

Molded Comfort Pads with soft and comfortable foam wrapped in an anti allergenic, moisture wicking fabric. Each helmet is delivered with two pad thicknesses for easy fitting.



FITPADS

Place as you please for the ultimate personalized fit.



SHATTER RESISTANT VISOR

Made from Superlight ABS material. Removable. Mounting hardware included.