



RS-100



Specifications for the RS-100 RIOT/TACTICAL Helmet

SHELL

The three-quarter coverage shell is constructed of high density Tenntex Thermo Composite utilizing high pressure injection compression molding for increased strength while maintaining a lightweight helmet, shell edge has a finished trim made of steel core extruded neoprene rubber. Visor is an integral molded part of the shell. Back edge of shell is tapered outward to allow positioning of shoulder weapon in prone position. Helmet sides flare to accommodate double canister gas masks behind face shield. Most current gas masks can be used with this helmet. Shell will be painted with a scratch resistant flat black paint. Complete helmet will not exceed 3 lbs. including shield.

LINER

The impact liner is constructed of expanded polystyrene (EPS). The liner will have a minimum thickness of 3/4" in test plane area to provide maximum impact energy attenuation. Two EPS liner sizes shall be available to offer optimum comfort and appearance. The EPS liner is completely covered by a vented brush nylon material that is bonded to a multi-density foam for comfort and durability. This material provides maximum wicking of perspiration away from the user's head to allow for the most cooling to the wearer.

SIZES

Size Range 6 3/4" to 7 7/8". Order by S/M 6 3/4"-7 1/4" or L/XL 7 3/8"-7 7/8". Two self adhesive sizing strips will be included with each helmet for sizing adjustment within a shell range.

RETENTION SYSTEM

The retention system includes a two point attachment harness. The chin strap is equipped with a quick release buckle (all metal working parts) for secure fastening that meets or exceeds industry standards. The quick release buckle allows fast entrance and exit to helmet even when user is wearing gloves.

FACE SHIELD

Helmet is supplied with a 7" x 18" full-flip polycarbonate face shield, .125" thick, with a clear, optical grade finish. The liquid seal is molded TPE material, black and semi-rigid. The liquid seal is affixed to prevent passage of liquids from the helmet dome or face shield into the inner shield surface when the shield is in down position. The face shield will mount directly to the helmet using standard mounting blocks. Face shield installed to mounting blocks with the use of thumb screws that lock the shield in desired position.

STANDARDS

Meets or exceeds National Institute of Justice 0104.02 (riot), 0105.01 (crash) requirements and Department of Transportation FMVSS-218 (for impact only).



DEFENDER