



## RD-TAC



### Specifications for the RD-TAC RIOT Helmet

#### SHELL

The half-coverage shell is constructed of Arimid Fiber Reinforced Thermoplastic composite utilizing high pressure compression molding for increased strength while maintaining a light weight helmet. The visor will be an integral part of the shell. The shell edge will be finished with a tough molded trim. Shell will be painted with a scratch resistant flat black paint. Complete helmet with shield will not exceed 3 lbs.

#### LINER

The liner is constructed of energy absorbing expanded polystyrene (EPS) at least 3/4" in all impact areas. The EPS liner is covered by a vented brushed nylon material that is bonded to multi-density foam for comfort and durability. This material will provide maximum wicking of perspiration away from the user's head to allow for utmost cooling to the wearer.

#### SIZING SYSTEM

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

#### RETENTION SYSTEM

The retention system has a four point "Y" harness including a chin strap that is made of black tubular nylon webbing double bar tacked in critical areas covered with perspiration resistant vinyl. The harness is equipped with a Quick Release Buckle with all metal working parts for secure fastening that meets or exceeds D.O.T. and industry standards. The Quick Release buckle will allow fast entrance and exit from helmet even when wearing gloves. Retention system includes an adjustable safety nape strap to increase stability in all situations including foot pursuit.

#### FACE SHIELD

Helmet is supplied with a 6 1/2" 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.

#### TACTICAL NECK PROTECTOR

A tactical neck protector is constructed of ridged high-impact ABS outer material lined with 1/4" shock absorbing vinyl nitrile inner padding which is permanently attached. The neck protector is pierced in the ear area in order to provide the wearer with adequate means of hearing. Includes a Nape Pad that gives extended coverage to the cervical area of the neck. The Nape Pad snaps onto the neck protector.

#### 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