

## APC-2G

Integrated Head Protection System



APC-2G with Standard Chin Strap, Reflective Tape, NVD Block, Signal Loop Fastener and DC2 Hearing Protector

### Extreme Comfort and Protection with Improved Heat Dissipation and Cooling

The APC-2G is designed to provide integrated hearing protection and head protection for most industrial and military occupational environments, for top and side impact protection. This helmet provides extreme comfort and protection with a 21% improvement in heat dissipation and evaporative cooling compared to legacy cranial designs. The unique integrated helmet design permits over the head (OTH) hearing protection and communications systems to be installed without compromising impact rating requirements.

### KEY FEATURES

#### Versatile Head Protection

- Available in 7 colors
- Accessory mount and load balanced for efficient night operations
  - Low profile battery clip on goggle loop fastener standard
  - ANVIS NVD mounting block optional
- Optional white reflective tape for increased visibility

#### Comfortable Fit

- Independent helmet and hearing protector adjustments permit accurate location of night vision goggles via the accessory mount
- Fits 95% of the population
- Select from a standard chinstrap or an optional chincup

#### Compliance

- ANSI/ISEA Z89.1 Type II Class C requirements
- Class G electrical protection test as defined in CSA Z94.1
- Flame retardant material

#### Maximum Compatibility

The Gentex APC-2G can be integrated with:

- Most commercial over the head OTH circumaural hearing protection and communications systems to provide both hearing and head protection
- Night Vision Devices
- Signal Lights
- Eye protection
- Universal goggle loop fasteners for FOD prevention
- NBC protective masks

#### Easy Maintenance and Care of Replaceable Parts

- Simple construction, fewer parts
- Hearing protection is easily removed for cleaning and replacement of fitband comfort pad set
- Clean with soap and water, allow to air dry

### Contact Us

Gentex is dedicated to developing fully integrated products that significantly improve hearing protection and communications for personnel operating in continuous, extreme noise environments, such as those found in the oil and gas, construction, military, heavy industrial, mining, metalworking, chemical and aerospace industries. For more information about the Gentex APC-2G Integrated Head Protection System, please call 1.570.282.3550 with the part number using the above configurator. For product questions and quotes contact sales@gentexcorp.com.

## APC-2G

### ORDERING INFORMATION

**Table 1 Suffix  
(Reflective Tape)**

Suffix 1	Description
X	Not required
T	Reflective tape applied

**Suffix 3  
(Single Loop)**

Suffix 3	Description
X	Not required
L	Signal light fastener

**Suffix 2  
(NVD Mount)**

Suffix 2	Description
X	Not required
N	Basic NVD mount
W	Wired NVD mount

**Suffix 4  
(Chinstrap Type)**

Suffix 4	Description
X	Standard chinstrap
C	Chincup strap



Base Part Number	Reflective Tape	NVD Mount	Signal Loop	Chinstrap Type	Base Helmet Description, Size and Color
05-027501	X or T	X or N or W	X or L	X or C	APC-2G Helmet Cocoa Brown, LGE
05-027502	X or T	X or N or W	X or L	X or C	APC-2G Helmet White, LGE
05-027503	X or T	X or N or W	X or L	X or C	APC-2G Helmet Pimento Red, LGE
05-027504	X or T	X or N or W	X or L	X or C	APC-2G Helmet Lemon Yellow, LGE
05-027505	X or T	X or N or W	X or L	X or C	APC-2G Helmet Irish Green, LGE
05-027506	X or T	X or N or W	X or L	X or C	APC-2G Helmet Royal Blue, LGE
05-027507	X or T	X or N or W	X or L	X or C	APC-2G Helmet Purple, LGE
05-027508	X or T	X or N or W	X or L	X or C	APC-2G Helmet Cocoa Brown, XL
05-027509	X or T	X or N or W	X or L	X or C	APC-2G Helmet White, XL
05-027510	X or T	X or N or W	X or L	X or C	APC-2G Helmet Pimento Red, XL
05-027511	X or T	X or N or W	X or L	X or C	APC-2G Helmet Lemon Yellow, XL
05-027512	X or T	X or N or W	X or L	X or C	APC-2G Helmet Irish Green, XL
05-027513	X or T	X or N or W	X or L	X or C	APC-2G Helmet Royal Blue, XL
05-027514	X or T	X or N or W	X or L	X or C	APC-2G Helmet Purple, XL
05-027515	X or T	X or N or W	X or L	X or C	APC-2G Helmet Cocoa Brown, MD
05-027516	X or T	X or N or W	X or L	X or C	APC-2G Helmet White, MD
05-027517	X or T	X or N or W	X or L	X or C	APC-2G Helmet Pimento Red, MD
05-027518	X or T	X or N or W	X or L	X or C	APC-2G Helmet Lemon Yellow, MD
05-027519	X or T	X or N or W	X or L	X or C	APC-2G Helmet Irish Green, MD
05-027520	X or T	X or N or W	X or L	X or C	APC-2G Helmet Royal Blue, MD
05-027521	X or T	X or N or W	X or L	X or C	APC-2G Helmet Purple, MD

**Example 1:** A yellow, medium, APC-2G helmet with reflective tape, basic NVD mount, and signal loop with a standard chinstrap would be part number: 05-027518TNLX

**Example 2:** A white, large, APC-2G basic helmet with a standard chinstrap would be part number: 05-027502XXXX

### REPLACEMENT PARTS

Part Number	Description
05-027038	Signal Loop Fastener
05-027039	Fitband Comfort Pad Set

### HELMET SIZING

Helmet Size	Headband Circumference
Medium	530-560 mm
Large	560-590 mm
Extra Large	590-630 mm