


ONGUARD 016 *Spring Hinges*
 *For cable temples order **OnGuard 016C**




(gold shown)

- ANSI Z87.1
- CSA Z94.3

109SS	109GS grey	Gold *	54-15-140	56-15-155 *
		Gun *	56-15-140	58-15-155 *
		Gold/Black *	58-15-140	60-15-160 *
		Gold/DA *	60-15-145	62-15-160 *
		Ant. Bronze	62-15-150	

Removable

ONGUARD 016P *PERMAshield™ Spring Hinges*




(gold shown)

- ANSI Z87.1
- CSA Z94.3

117SS	116PS	Gold	54-15-140	60-15-145
		Gun	56-15-140	62-15-150
		Gold/Black	58-15-140	
		Gold/DA		

Removable PERMAshield™

ONGUARD 017 *Spring Hinges Unifit Bridge*



(gold shown)

- ANSI Z87.1
- CSA Z94.3

109SS	109GS grey	Gold	54-16-140
		Gunmetal	56-16-140

Removable

ONGUARD 018 *Spring Hinges*



(gold shown)

- ANSI Z87.1
- CSA Z94.3

109SS	109GS grey	Gold	54-20-140
		Gunmetal	56-20-140
		Antique Bronze	

Removable

ONGUARD 019 *Spring Hinges Unifit Bridge*



(gold shown)

- ANSI Z87.1
- CSA Z94.3

109SS	109GS grey	Gold	54-16-140
		Gunmetal	56-16-140
		Antique Gold	

Removable

ONGUARD 030 *Spring Hinges Flexible Unifit Bridge*



(gold shown)

- ANSI Z87.1
- CSA Z94.3

109SS	109GS grey	Gold	55-16-140
		Gunmetal	57-16-140

Removable

ONGUARD 031 *Spring Hinges*
 *For cable temples order **OnGuard 031C**




(matte gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

112SS	112GS grey	Gold	48-21-140
		Gold/Demi Grey *	50-21-140
		Gold/Demi Amber *	52-21-140
		Matte Gunmetal *	48-21-155 *
		Antique Bronze	50-21-155 *
			52-21-155 *

Removable

ONGUARD 034 *Spring Hinges on OG 034 only*
 *For integrated sideshields order **OnGuard 034S**




(brown shown)

- ANSI Z87.1
- CSA Z94.3

107SS	Integral	Brown *	50-19-140
		Grey *	52-19-140 *
		Demi Amber	52-19-145
		Blue/Mauve (52 only)	

Removable

ONGUARD 043
 For integrated sideshields order **OnGuard 043S**




(brown shown)

- ANSI Z87.1
- CSA Z94.3

115SS	Integral	Brown	53-18-145
		Grey	55-18-145
		Crystal	57-18-145

Removable

ONGUARD 045 *Spring Hinges*
 Available with nose pads: order **OnGuard 045NP**



(brown shown)

- ANSI Z87.1
- CSA Z94.3

113SS	Brown	55-16-140
	Grey	57-16-145
		59-16-145
		61-16-150

Removable

ONGUARD 053 *SunClip Spring Hinges*



(antique gold shown)

- ANSI Z87.1
- CSA Z94.3

120SS	Ant. Gold	49-19-135
	Gold/Demi Amber	51-19-135
	Gold/Burgundy	53-19-135
	Antique Bronze	
	Antique Mauve	

Removable

ONGUARD 056 *PERMAshield™ Spring Hinges*



(brown/demi amber shown)

- ANSI Z87.1
- CSA Z94.3

124SS	124PS	Brown/Demi Amber	56-15-140
		Gun/Demi Grey	58-15-140
			60-15-145

Removable PERMAshield™

ONGUARD 058 *Spring Hinges Titanium*



(antique gold shown)

- ANSI Z87.1
- CSA Z94.3

120SS	Antique Mauve	49-19-135
	Antique Bronze	51-19-140
	Antique Gold	

Removable

ONGUARD 060 *Spring Hinges Titanium*



(gold shown)

- ANSI Z87.1
- CSA Z94.3

112SS	112GS grey	Gold	54-17-140
		Gunmetal	56-17-140
		Gold/Demi Amber	58-17-145

Removable

ONGUARD 065 *Spring Hinges*




(antique gold/DA shown)

- ANSI Z87.1
- CSA Z94.3

131SS	131GS grey	Antique Gold/DA	52-17-140
		Antique Bronze	54-17-140
		Antique Pewter	

Removable

ONGUARD 068S




(brown shown)

- ANSI Z87.1

Integral	Brown	52-18-145
	Grey	

ONGUARD 069P *PERMAshield™*




(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

203SS	203PS	Gold	48-19-140
		Gunmetal	50-19-140
			52-19-140

Removable PERMAshield™

ONGUARD 070P *PERMAshield™*




(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

204SS	204PS	Gold	50-16-140
		Gunmetal	52-16-140
			54-16-140
			56-16-145



Removable PERMAshield™

ONGUARD 071P PERMAshield™




(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	52-18-140 54-18-140 56-18-140 58-18-145
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Removable PERMAshield™

ONGUARD 072 Spring Hinges
Nose Pads




(blue crystal shown)

- ANSI Z87.1
- CSA Z94.3

	Honey Amber Blue Crystal Black Red	49-18-140
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Removable

ONGUARD 076 SunClip PERMAshield™
Spring Hinges
100% Titanium Nickel Free



(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet			Antique Green Antique Bronze Antique Pewter	51-19-140 53-19-140
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Removable PERMAshield™

ONGUARD 077 SunClip PERMAshield™
Spring Hinges
100% Titanium Nickel Free



(blue chrome shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet			Blue Chrome Choc. Chrome Pink Chrome Green Chrome	48-20-135 50-20-135
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Removable PERMAshield™

ONGUARD 078




(grey shown)

- ANSI Z87.1
- CSA Z94.3

Attached Wire Mesh Side Shields	Brown Grey Crystal	52-18-145 54-20-145
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Application: foundry

ONGUARD 079
* For integrated sideshields order **OnGuard 079S**




(brown shown)

- ANSI Z87.1
- CSA Z94.3

		Brown Grey Pink	49-22-140 * 51-22-140
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Removable *integrated available in 49-22-140

ONGUARD 080 Spring Hinges




(dark grey shown)

- ANSI Z87.1
- CSA Z94.3

	Dark Grey Brown Amber	51-18-140 53-18-140 55-18-145
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Removable

ONGUARD 081 Spring Hinges



(brown amber shown)

- ANSI Z87.1
- CSA Z94.3

	Brown Brown Amber Dark Grey	53-17-140 55-17-140 57-17-145
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
Removable

ONGUARD 083 PERMAshield™
Spring Hinges
100% Titanium Nickel Free Unifit Bridge



(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet			Antique Brown Antique Pewter	48-19-140 50-19-140 52-19-145 54-19-145
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Removable PERMAshield™

ONGUARD 085 SunClip PERMAshield™




(gold shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	50-19-140 52-19-140 54-19-145 56-19-145
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Removable PERMAshield™

ONGUARD 086 SunClip PERMAshield™
Spring Hinges



(black chrome shown)

- ANSI Z87.1
- CSA Z94.3

			Choc. Chrome Black Chrome	51-19-140 53-19-140 55-19-145
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Removable PERMAshield™

ONGUARD 087 SunClip PERMAshield™
Spring Hinges



(bronze shown)

- ANSI Z87.1
- CSA Z94.3

		Bronze Plum Chrome	50-19-135 52-19-135
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Removable PERMAshield™

ONGUARD 088 Spring Hinges




(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

Attached Wire Mesh Side Shields	Antique Pewter	52-20-140 54-20-140
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Application: Foundry

ONGUARD 090 PERMAshield™
Spring Hinges




(antique bronze shown)

- ANSI Z87.1
- CSA Z94.3

		Antique Bronze Antique Pewter	50-20-140 52-20-140 54-20-145
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Removable PERMAshield™

ONGUARD 091 PERMAshield™
Unifit Bridge




(gold shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	50-19-140 52-19-140 54-19-145
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Removable PERMAshield™

ONGUARD 092 PERMAshield™




(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	49-19-135 51-19-135
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Removable PERMAshield™

ONGUARD 093 PERMAshield™




(gold shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	48-21-135 50-21-135
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Removable PERMAshield™

ONGUARD 094 PERMAshield™



(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

		Gold Gunmetal	48-20-140 50-20-140
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Removable PERMAshield™
(both also available in grey)

ONGUARD 095 PERMAshield™




(gold shown)

- ANSI Z87.1
- CSA Z94.3

 	Gold Gunmetal	52-17-140 54-17-140 56-17-140
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Removable PERMAshield™
(both also available in grey)

ONGUARD 096 Spring Hinges



(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

Attached Side Shields	Antique Pewter	52-20-140 54-20-140
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ONGUARD 097 PERMAshield™
Spring Hinges

100% Titanium Nickel Free 



(silver shown)

- ANSI Z87.1
- CSA Z94.3

 	Silver	53-19-140 55-19-140
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Removable PERMAshield™

ONGUARD 098 PERMAshield™
Spring Hinges

100% Titanium Nickel Free 



(silver shown)

- ANSI Z87.1
- CSA Z94.3

 	Silver	53-19-140 55-19-140
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Removable PERMAshield™

ONGUARD 099 PERMAshield™
Spring Hinges

100% Titanium Nickel Free 



(silver shown)


- ANSI Z87.1
- CSA Z94.3

 	Silver	53-19-140 55-19-140
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Removable PERMAshield™


ONGUARD 100 PERMAshield™
Spring Hinges

100% Titanium Nickel Free




(silver shown)

- ANSI Z87.1
- CSA Z94.3

 	Silver	51-19-140 53-19-140
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Removable PERMAshield™

ONGUARD 101 PERMAshield™
Spring Hinges




(steel blue shown)

- ANSI Z87.1
- CSA Z94.3

 	Choc. Chrome Steel Blue	48-21-135 50-21-135
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Removable PERMAshield™

ONGUARD 102 PERMAshield™
Spring Hinges




(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

 	Choc. Chrome Antique Pewter	52-17-140 54-17-140 56-17-140 58-17-140
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Removable PERMAshield™

ONGUARD 103 PERMAshield™
Spring Hinges




(chocolate chrome shown)

- ANSI Z87.1
- CSA Z94.3

 	Choc. Chrome Antique Pewter	55-21-145
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Removable PERMAshield™

ONGUARD 104



(brown shown)

- ANSI Z87.1
- CSA Z94.3

	Light Brown Light Grey Crystal	51-18-140 53-18-140 55-18-145
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Removable

ONGUARD 105




(light blue shown)

- ANSI Z87.1
- CSA Z94.3

	Light Brown Light Blue Crystal	49-21-135 51-21-135
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Removable

ONGUARD 106
For integral sideshields order **OnGuard 106S**




(brown shown)

- ANSI Z87.1
- CSA Z94.3

 	Brown Grey Crystal	52-17-140 54-17-140
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Removable

ONGUARD 108 Spring Hinges



(black shown)


- ANSI Z87.1
- CSA Z94.3

	Blue Burgundy Black	52-17-135
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Removable



ONGUARD 109 PERMAshield™
Spring Hinges

100% Titanium Nickel Free



(black chrome shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet  	Black Chrome Brown	52-17-140 54-17-140
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Removable PERMAshield™


ONGUARD 110 PERMAshield™
Spring Hinges

100% Titanium Nickel Free



(brown shown)


- ANSI Z87.1
- CSA Z94.3

 	Brown Gunmetal	52-19-140 54-19-140
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Removable PERMAshield™



ONGUARD 111 PERMAshield™
Spring Hinges

100% Titanium Nickel Free



(blue shown)


- ANSI Z87.1
- CSA Z94.3

 	Burgundy Blue Brown	50-20-135
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Removable PERMAshield™



ONGUARD 112 PERMAshield™

Stainless Steel



(antique pewter shown)


- ANSI Z87.1
- CSA Z94.3

 	Choc. Chrome Antique Pewter	51-17-140 53-17-140
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Removable PERMAshield™



ONGUARD 113 PERMAshield™

Stainless Steel




(antique pewter shown)

- ANSI Z87.1
- CSA Z94.3

 	Choc. Chrome Antique Pewter	51-18-140 53-18-140
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Removable PERMAshield™

ONGUARD 114 PERMAshield™
Stainless Steel




(chocolate chrome shown)

- ANSI Z87.1
- CSA Z94.3

184SS	184PS	Choc. Chrome	48-20-135
		Blue	50-20-135

Removable PERMAshield™

ONGUARD 115 PERMAshield™
Spring Hinges
Stainless Steel




(charcoal shown)

- ANSI Z87.1
- CSA Z94.3

185SS	185PS	Charcoal	50-18-140
		Choc. Chrome	52-18-140

Removable PERMAshield™

ONGUARD 116 PERMAshield™
Spring Hinges
Stainless Steel




(blue shown)

- ANSI Z87.1
- CSA Z94.3

186SS	186PS	Brown	48-19-135
		Blue	50-19-135

Removable PERMAshield™

ONGUARD 122 PERMAshield™
Spring Hinges




(charcoal - shape B shown)

- ANSI Z87.1
- CSA Z94.3

Shape A	Shape B	Lens Shapes are interchangeable.	
192SS	193SS	Gold - Shape A	48-17-140
192PS	193PS	Charcoal - Shape B	50-18-140
			52-18-140

ONGUARD 124 PERMAshield™
Spring Hinges
Titanium




(chocolate chrome shown)

- ANSI Z87.1
- CSA Z94.3

196SS	196PS	Silver	53-16-140
		Choc. Chrome	55-16-140
		Black	
		Blue Chrome	

Removable PERMAshield™

ONGUARD 125 PERMAshield™
Spring Hinges




(chocolate chrome shown)

- ANSI Z87.1
- CSA Z94.3

196SS	196PS	Brushed Silver	53-17-140
		Choc. Chrome	55-17-140

Removable PERMAshield™

ONGUARD 128 PERMAshield™
Spring Hinges




(gunmetal shown)

- ANSI Z87.1
- CSA Z94.3

200SS	200PS	Gunmetal	52-19-140
		Brown	54-19-140
		Burgundy	

Removable PERMAshield™

ONGUARD 130
For integral sideshields order **OnGuard 130S**
NON-CONDUCTIVE



(grey shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet	Grey	57-14-140
202SS	Integral	59-14-140

Removable

ONGUARD 132 Spring Hinges
For integrated sideshields order **OnGuard 132S**.




(pink shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet	Beige	52-18-135
208SS	Violet	
	Pink	

Removable

ONGUARD 133 PERMAshield™
Spring Hinges



(blue shown)

- ANSI Z87.1
- CSA Z94.3

182SS	182PS	Brown	51-20-140
		Blue	53-20-140
		Grey	

Removable PERMAshield™

ONGUARD 135 Spring Hinges
For integrated sideshields order **OnGuard 135S**.



(grey shown)

- ANSI Z87.1
- CSA Z94.3

209SS	Brown	51-18-140
	Grey	53-18-140

Removable

ONGUARD 137S
NON-CONDUCTIVE **Metal Free**



(grey shown)

- ANSI Z87.1

Integral	Grey	57-16-140
	Brown	
	Crystal	

ONGUARD 138 Spring Hinges
For integrated sideshields order **OnGuard 138S**



(black shown)

- ANSI Z87.1

211SS	Black	55-19-140
	Brown	
	Grey	

Removable

ONGUARD 140 Spring Hinges
For integrated sideshields order **OnGuard 140S**




(grey shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet	Brown	51-19-140
213SS	Grey	53-19-145

Removable

ONGUARD 141 Spring Hinges
For integrated sideshields order **OnGuard 141S**




(grey shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet	Brown	48-21-140
214SS	Grey	50-21-145

Removable

ONGUARD 142 Spring Hinges
For integrated sideshields order **OnGuard 142S**



(grey shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet	Brown	48-21-140
214SS	Grey	50-21-145

Removable

ONGUARD 143 Spring Hinges



(demi amber shown)

- ANSI Z87.1
- CSA Z94.3

216SS	Black	52-16-145
	Demi Amber	54-16-145

Removable

ONGUARD 144 Spring Hinges



(black shown)

- ANSI Z87.1
- CSA Z94.3

217SS	Black	54-17-145
	Brown	56-17-145

Removable

ONGUARD 145 *Spring Hinges*

(wine shown)

- ANSI Z87.1
- CSA Z94.3

218SS Removable	Black Wine	53-18-135
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ONGUARD 150 *Spring Hinges*
For integrated sideshields order **OnGuard 150S**

(grey shown)

- ANSI Z87.1
- CSA Z94.3

223SS Removable	Grey	57-16-135
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ONGUARD 151 *Spring Hinges*
For integrated sideshields order **OnGuard 151S**

(black shown)

- ANSI Z87.1

No Rivet 224SS Removable	Black	57-18-125 59-18-125
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ONGUARD 250S
NON-CONDUCTIVE **Metal Free**

(clear shown)

- ANSI Z87.1
- CSA Z94.3

Integral	Clear Smoke Grey	59-15-124/140
Telescopic Temples		

ONGUARD 301 *Spring Hinges*

(antique gold/DA shown)

- ANSI Z87.1
- CSA Z94.3

125SS Removable	Antique Gold/DA Antique Pewter	52-20-140 54-20-140
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ONGUARD 307/307B *Spring Hinges*

(antique gold shown)

- 307 - ANSI Z87.1
- 307B - CSA Z94.3

128SS Removable	Antique Bronze Antique Mauve Antique Gold	49-19-135
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ONGUARD 309 *Spring Hinges*
Available with nose pads: order **OnGuard 309NP**

(demi amber crystal shown)

- ANSI Z87.1
- CSA Z94.3

133SS Removable	Black Crystal Havana Crystal Demi Amber Crystal	51-18-135
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ONGUARD 310 *Spring Hinges*
Available with nose pads: order **OnGuard 310NP**

(black crystal shown)

- ANSI Z87.1
- CSA Z94.3

134SS Removable	Black Crystal Honey Amber Wine Crystal	46-19-135
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ONGUARD 311 **PERMAshield™** *Spring Hinges*

(antique bronze shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet 135SS Removable	135PS PERMAshield™	Antique Gold Antique Bronze Antique Pewter	44-22-135 46-22-140 48-22-140 50-22-140
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ONGUARD 314 **PERMAshield™** *Spring Hinges*

(wine chrome shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet 155SS Removable	155PS PERMAshield™	Choc. Chrome Steel Blue Wine Chrome	51-18-135
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ONGUARD 317 *Spring Hinges*

(black chrome shown)

- ANSI Z87.1
- CSA Z94.3

159SS Removable	Matte Bronze Black Chrome	50-20-140 52-20-140
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ONGUARD 318 *Spring Hinges*

(antique brown shown)

- ANSI Z87.1
- CSA Z94.3

160SS Removable	Steel Blue Antique Brown	48-21-135 50-21-135
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ONGUARD 321 **PERMAshield™** *Spring Hinges*

(charcoal shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet 173SS Removable	173PS PERMAshield™	Charcoal Antique Bronze Silver	54-18-140 56-18-140
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ONGUARD 322 **PERMAshield™** *Spring Hinges*

(antique bronze shown)

- ANSI Z87.1
- CSA Z94.3

No Rivet 174SS Removable	174PS PERMAshield™	Antique Bronze Charcoal	51-19-135 53-19-140 55-19-140
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ONGUARD 708FT
100% Flex-Titanium Nickel Free

(antique bronze shown)

- ANSI Z87.1
- CSA Z94.3

164EZ EZ Shield™	Antique Bronze Antique Gold Gunmetal	48-20-140 50-20-140
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ONGUARD 709FT
100% Flex-Titanium Nickel Free

(bronze shown)

- ANSI Z87.1
- CSA Z94.3

165EZ EZ Shield™	Gunmetal Bronze Gold	52-19-140 54-19-145
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ONGUARD 715FT
100% Flex-Titanium Nickel Free

(brown shown)

- ANSI Z87.1
- CSA Z94.3

155EZ EZ Shield™	Brown Silver Plum	48-18-135 51-18-140
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PHOENIX II **NOT FOR Rx USE**
Includes 3 interchangeable, removable PLANO lenses

(clear shown)

- ANSI Z87.1
- CSA Z94.3
- ASTM F803

ANTI-STATIC QUALITY NETWORK SHATTER RESISTANT LENSES Protective Carrying Pouch	Clear Amber Smoke	Telescopic Temples Velcro Retention System
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