



# EISEN TECHNITHERM EW3480 **FOAM NBR COATED** HEAT & CUT RESISTANT GLOVE

A unique hand protection solution combining high dexterity and A4 / D cut protection with excellent contact heat resistance. Silicone free, highly abrasion resistant and excellent sensitivity make it ideal for handling hot components and soldering.



### LINER

Using a unique combination of Kevlar, stainless steel, nylon and Spandex, the EISEN TechniTherm EW3480 is constructed around a soft, thin, high cut resistance knitted liner that offers excellent cut resistance to level A4 / D. Anatomically designed to follow the morphology of the hand, dexterity is maximized and fatigue reduced. The Kevlar and stainless steel combination provides an unparalleled combination of high dexterity, heat resistance, comfort and cut protection.

### COATING

Using a premium quality foam NBR coating, the TechniTherm EW3480 offers excellent performance:

- Phenomenal abrasion resistance for exceptional longevity
- Highly breathable for improved climate control
- Silicone-free to eliminate contamination and fingerprints
- Uniquely comfortable with highly flexible yet secure grip
- Reinforced thumb crotch for increased abrasion resistance

# TECHNITHERM

EW3480 Foam NBR Coated Heat & Cut Resistant Glove

CUT

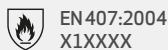
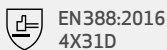
ANSI **A4**

EN **D**

HEAT

ANSI 284°F **2**

EN 100°C **1**



MAKING WORK COMFORTABLE



AEROSPACE & DEFENSE  
HAND PROTECTION SPECIALISTS

# EISEN PROTEQ

MAKING WORK COMFORTABLE



AEROSPACE & DEFENSE  
HAND PROTECTION SPECIALISTS



CE Cat. II

EN388:2016  
4X31D

EN 407:2004  
X1XXXX

A4 CUT

A2 HEAT

### EISEN SAFETY INDICATOR

Glove wearers frequently struggle to understand what level of protection their glove provides, especially in relation to the full spectrum of a particular protection range e.g. A1-A9, A-F. This can result in increased injuries from poor glove selection – possibly chosen for dexterity or comfort rather than offering sufficient protection. The intuitive EISEN Safety Indicator allows the wearer to easily identify the glove's protective performance in both visual and written forms unlike other identification systems that do not indicate the spectrum of protection available.

### TECHNICAL DETAILS

Sizes: 6/XS, 7/S, 8/M, 9/L, 10/XL, 11/XXL, 12/XXXL  
Knit Gauge: 18gg  
Liner: Kevlar, Stainless Steel, Nylon, Spandex  
Coating: Foam NBR  
Metal Free: No  
Glass Fiber Free: No  
Qty/Pack: 10 pairs  
Qty/Carton: 120 pairs  
Product Code: EW3480

For further information or technical assistance:  
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Hand Protection helpline  
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(USA) +1 888 233 3324

# TECHNITHERM

EW3480 Foam NBR Coated Heat & Cut Resistant Glove

CUT

ANSI A4

EN D

HEAT

ANSI 284°F 2

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## EISEN TECHNITHERM EW3480 FOAM NBR COATED HEAT & CUT RESISTANT GLOVE

### STANDARDS COMPLIANCE

ANSI / IESA 105-2016 American national standard for hand protection classification

EN ISO 420:2003+A1:2009 Protective gloves - General requirements and test methods

### CUT PROTECTION

BS EN 388:2016+A1:2018 Protective Gloves against mechanical risks

Property	ANSI 105		EN 388	
	Level Achieved	Maximum Performance	Level achieved	Maximum Performance
Abrasion	X	6	4	4
Blade Cut	A4	N/A	X	5
Tear	N/A	N/A	3	4
Puncture	2	5	1	4
TDM Cut	A4	A9	D	F

Protection Property	Product Standard	Performance Level					
		Abrasion Resistance					
		1	2	3	4	5	6
Cycles to Fail	EN 388	100	500	2000	8000		
Gram Load		500	500	500	1000	1000	1000
Cycles to Fail	ANSI 105	≥100	≥500	≥1000	≥3000	≥10000	≥20000
		Blade Cut Resistance					
Coupe Test		1	2	3	4	5	
		1.2	2.5	5	10	20	
TDM Test ISO 13997 (N)	EN 388	A	B	C	D	E	F
		2	5	10	15	22	30
TDM Test ASTM F2992-15 (gm)	ANSI 105	A1	A2	A3	A4	A5	A6
		≥200	≥500	≥1000	≥1500	≥2200	≥3000
		Tear Resistance					
Tensile Test (N)	EN 388	1	2	3	4		
		10	25	50	75		
		Puncture Test					
Force (N)		1	2	3	4	5	
	EN 388	20	60	100	150		
	ANSI 105	10	20	60	100	150	
		Impact Protection					
Impact Resistance EN 13594	EN 388	P					
		Pass (level 1 ≤ 9kN)					

### HEAT PROTECTION

ASTM F1060-08 Standard test method for thermal protective performance of materials for protective clothing for hot surface contact

BS EN407:2004 Protective gloves against thermal risks (heat and/or fire)

Property	ASTM F1060-08		EN 407	
	Level Achieved	Maximum Performance	Level Achieved	Maximum Performance
Resistance to Flammability	X	N/A	X	5
Contact Conductive Heat Resistance	2	5	1	5
Convective Heat Resistance	X	N/A	X	5
Radiant Heat Resistance	X	N/A	X	5
Resistance to Small splashes of Metal	X	N/A	X	5
Resistance to Large Splashes of Metal	X	N/A	X	5

Protection Property	Product Standard	Performance Level				
		1	2	3	4	5
Contact Heat	EN 407	100°C	250°C	350°C	500°C	
Conductive Heat ASTM F1060-08	ANSI	176°F	284°F	392°F	500°F	608°F