

# ECG Electrodes

TELECTRODE

PRO-TAB

PRO-NEO



## TELECTRODE

Bio Protech Inc. produces ECG electrodes called 'Telectrodes', which are used for various ECG tests.



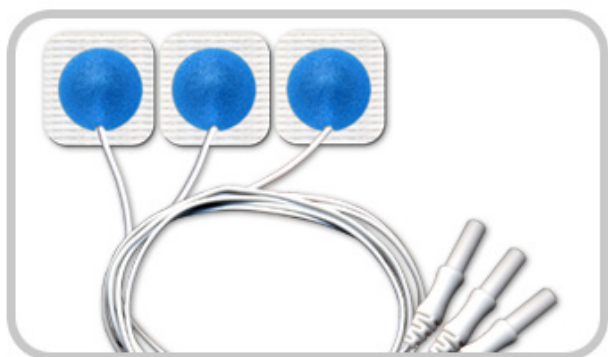
## PRO-TAB

PROTAB ECG Tab Electrodes (and also to be sold under various private label trade names; i.e. Multiple Labels) will be offered with solid adhesive gel.



## PRO-NEO

The PRO-NEO Neonatal ECG Electrodes are 22mm in diameter and consist of a conductive adhesive hydro-gel, a Ag/AgCl plated sensing element, a non-woven substrate and a 60cm flexible tinned copper or carbon lead-wire terminating in a standard DIN connector (AAMI color coding)



<http://www.protechsite.com>

# ECG Electrode Samples



**PT2034**  
Resting/ Diagnostic



**PT2334**  
Resting/ Diagnostic



**PT2634**  
Resting/ Diagnostic



**PT3034**  
Resting/ Diagnostic



**T715**  
Foam/ General Use



**T716**  
Foam/ General Use



**T718**  
Foam/ Pediatric



**T716B**  
Banana Plug; 4mm Dia./  
General Use



**T815**  
Cloth/ Holter & Stress



**T816**  
Cloth/ Pediatric



**T916**  
Clear Tape/ General



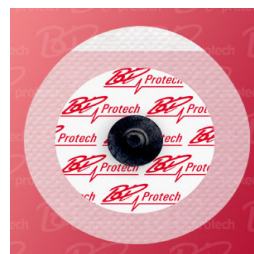
**T832**  
Full Gel/ General Use



**T716C**  
Foam/ Radiolucent



**T718C**  
Foam/ Radiolucent



**T816C**  
Cloth/ Radiolucent



**T832C**  
Full Gel/ Radiolucent

# PROTAB

## PT2034, PT2334, PT2634, PT3034

: Disposable TAB Type for Resting EKG'S

## Features & Benefits

- Primarily designed for use in resting EKG Diagnosis.
- Fast application and removal on patient's skin.
- Ag/AgCl & Solid Adhesive Gel provide stable, reliable EKG signals due to a high tack gel and a highly conductive Ag/AgCl coating.
- Superior gel adhesion continuously maintains PROTAB for various ECG procedures and allows for repositioning on different skin type.
- Not to be used in conjunction with defibrillators.
- Well packaged to give the end-user convenience.

### < Ordering Information >

Part No.	Quantities per			
	CARD	POUCH	BOX	CASE
PT2034	10	100	500	5000
PT2334	10	100	500	5000
PT2634	10	100	500	5000
PT3034	10	100	500	5000

☞ Minimum Order is 1 Case (5,000 pcs)



The Quality Management System of BIO PROTECH INC.  
is certified by DNV KOREA certification body according to NS-EN ISO9001, ISO13485.

# TELECTRODE

Foam/Oval Type

## T715, T716

: Disposable General Use for Adult

## Features & Benefits

- Primarily designed for use in Emergency, ICU/CCU, Surgery, EMS. (General Use)
- Medical Grade Impenetrable White Polyethylene Foam protects the skin under the electrode from surgical fluids/air, thus providing safe electrical signal passage.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T715-3 / T716-3	3	60	600
T715-5 / T716-5	5	100	1000
T715-30 / T716-30	30	600	6000
T715-50 / T716-50	50	1000	10000



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# TELECTRODE

Foam/Oval Type

## T716B

: Disposable General Use for Adult

## Features & Benefits

- Primarily designed for use in Emergency, ICU/CCU, Surgery, EMS. (General Use) with 4mm Dia. Banana Plug
- Medical Grade Impenetrable White Polyethylene Foam protects the skin under the electrode from surgical fluids/air, thus providing safe electrical signal passage.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T716B-3	3	60	600
T716B-5	5	100	1000
T716B-30	30	600	6000
T716B-50	50	1000	10000



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# TELECTRODE

Foam/Oval Type

## T716C

: Disposable Radio Translucent Use for Adult

## Features & Benefits

- Primarily designed for use in X-ray units, MRI, Cath Labs.
- Medical Grade Impenetrable White Polyethylene Foam protects the skin under the electrode from surgical fluids/air, thus providing safe electrical signal passage.
- Unique carbon-based silver chloride sensor allows for an unimpeded view on X-ray & MRI scans while the patient is being monitored.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T716C-3	3	60	600
T716C-5	5	100	1000
T716C-30	30	600	6000
T716C-50	50	1000	10000



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# TELECTRODE

Foam/Oval Type

## T718

: Disposable General Use for Pediatric

## Features & Benefits

- Primarily designed for use in Emergency, ICU/CCU, Surgery, EMS. (General Use)
- Medical Grade Impenetrable White Polyethylene Foam protects the skin under the electrode from surgical fluids/air, thus providing safe electrical signal passage.
- Oval shape(32x36mm) permits electrodes to be placed closer together on small chested patients.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T718-3	3	60	600
T718-5	5	100	1000
T718-30	30	600	6000
T718-50	50	1000	10000



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# TELECTRODE

Foam/Oval Type

## T718C

: Disposable Radio Translucent Use for Pediatric

## Features & Benefits

- Primarily designed for use in X-ray units, MRI, Cath Labs.
- Medical Grade Impenetrable White Polyethylene Foam protects the skin under the electrode from surgical fluids/air, thus providing safe electrical signal passage.
- Unique carbon-based silver chloride sensor allows for an unimpeded view on X-ray & MRI scans while the patient is being monitored.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T718C-3	3	60	600
T718C-5	5	100	1000
T718C-30	30	600	6000
T718C-50	50	1000	10000



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# TELECTRODE

Cloth/Round Type

## T815

: Disposable Stress & Holter for Adult

## Features & Benefits

- Primarily designed for use in Emergency, Holter, Stress, ICU/CCU, Diagnostic.
- Non-woven breathable cloth conforms to body contours. Porous material helps prevent excessive moisture buildup and provides long term adhesion.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T815-3	3	60	600
T815-5	5	100	1000
T815-30	30	600	6000
T815-50	50	1000	10000



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# TELECTRODE

Cloth/Oval Type

## T816

: Disposable Stress & Holter for Pediatric

## Features & Benefits

- Especially designed for use in Emergency, Holter, Stress, ICU/CCU, Diagnostic.
- Non-woven breathable cloth conforms to body contours. Porous material helps prevent excessive moisture buildup and provides long term adhesion.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T816-3	3	60	600
T816-5	5	100	1000
T816-30	30	600	6000
T816-50	50	1000	10000



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# TELECTRODE

Cloth/Oval Type

## T816C

: Disposable Radio Translucent Use for Pediatric

## Features & Benefits

- Especially designed for use in Emergency, Holter, Stress, ICU/CCU, Diagnostic.
- Non-woven breathable cloth conforms to body contours. Porous material helps prevent excessive moisture buildup and provides long term adhesion.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T816C-3	3	60	600
T816C-5	5	100	1000
T816C-30	30	600	6000
T816C-50	50	1000	10000



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# TELECTRODE

Cloth/Oval Type

**T832** : Disposable General Use with Full Gel

**T832C** : Disposable Radiolucent Use with Full Gel

## Features & Benefits

- Especially designed for skin-friendly use to allergenic patient skin in Diagnostic.
- Non-woven breathable cloth conforms to body contours.
- Ag/AgCl sensing system with Full Gel provide High Quality ECG signals.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T832-10 / T832C-10	10	60	600
T832-30 / T832C-30	30	20	600



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# TELECTRODE

Clear Tape/Oval Type

## T916

: Disposable General Use for Pediatric

## Features & Benefits

- Primarily designed for use in Holter, Stress, ICU/CCU, Surgery, EMS.
- Thin, Flexible Clear Tape promotes patient comfort.
- Ag/AgCl sensing system provide stable, reliable ECG signals.
- Aggressive high tack medical grade adhesive.
- Complies with all AAMI Specifications.
- Well packaged for the end-user utility.

### < Ordering Information >

Part No.	Quantities per		
	POUCH	BOX	CASE
T916-3	3	60	600
T916-5	5	100	1000
T916-30	30	600	6000
T916-50	50	1000	10000



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# Sales and Returns System

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Effective January 1, 2003

BIO PROTECH INC. guarantees our products under sales and return system as below;

## Sales Terms

- Terms : Net 45 Days
- Freight Condition : Ex-warehouse in LA(USA market only)  
Shipped CRF;FOB;BIO PROTECH Factory

- Minimum Order : One Case.

Orders for broken or partial cases can not be accepted.

## Return Goods Policy

No return will be accepted without prior authorization from BIO PROTECH.

No credit will be allowed on unauthorized returns. Unauthorized additions to an authorized return that deviates from the original authorization will also receive no credit.

When requesting a return, the original purchase order number or invoice number is required.

### < Return Goods Allowance Procedure >

Product shipped in error by BIO PROTECH	Full Credit
Product damaged at the time it was received, said damage or defect being attributed to the manufacturing process only	Full Credit

# BIO PROTECH APPLICATION CHART

APPLICATION	MATERIAL / PART NUMBER			
	Conductive Adhesive	White Cloth	Foam	Clear Vinyl Tape
Resting EKG	PT2034 PT2334 PT2634 PT3034		T715 T716 T718	
Short-Term Monitoring • Ambulance • EMT • Out Patient • Surgery • Cardiac Rehab		T815 T816 T832	T715 T716 T718 T716B	T916
Long-Term Monitoring • Holter • Stress • Surgery • ICU/CCU		T815 T816	T715 T716 T718	T916
X-Ray Translucent • Nuclear Medicine • Thallium Testing • X-Ray Units • MRI • Cath Labs		T816C T832C	T716C T718C	
Apnea Monitoring			T716 T718	
Echo/Phono Cardiogram			T716 T718	

# ECG Electrode Cross Reference

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<u>Competitor</u>	<u>Page</u>
NIKOMED -----	1
CON MED (AMI) -----	1
LMI (Kendall-LTP) -----	2
BIO DETEK -----	2
3M -----	3
VERMED -----	3

☞ When using Cross Reference also check listings in parenthesis.



# Comprehensive Cross Reference

## Nikommed / Con Med

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BIO PROTECH		Quantity			Usage	NIKOMED	CON MED
Part Number	Material	Per Pouch	Per Box	Per Case	Application		
PT2034	Conductive Adhesive	100	500	5000	Resting EKG	AT100	180-1010
PT2334							
PT2634							
PT3034							
T716-3	Foam, Oval (Adult)	3	60	600	General Use	-	101-5731
T716-5		5	100	1000		-	105-5005
T716-30		30	600	6000		405	140-2545
T716-50		50	1000	10000		-	-
T718-3	Foam, Oval (Pediatric)	3	60	600	General Use	-	151-2409
T718-5		5	100	1000		-	-
T718-30		30	600	6000		457	130-2545
T718-50		50	1000	10000		-	-
T815-3	Cloth, Round (Adult)	3	60	600	Stress & Holter	-	183-0348
T815-5		5	100	1000		-	-
T815-30		30	600	6000		444	185-2314
T815-50		50	1000	10000		-	-
T816-3	Cloth, Oval (Pediatric)	3	60	600	Stress & Holter	-	183-1429
T816-5		5	100	1000		-	-
T816-30		30	600	6000		-	-
T816-50		50	1000	10000		-	-
T716C-3	Foam, Carbon (Adult & Pediatric)	3	60	600	Radio Translucent	-	2700-003
T716C-5		5	100	1000		-	-
T716C-30		30	600	6000		411	2700-030
T716C-50		50	1000	10000		-	-
T916-3	Clear Tape (Pediatric)	3	60	600	General Use	-	178-3003
T916-5		5	100	1000		-	-
T916-30		30	600	6000		-	178-3030
T916-50		50	1000	10000		-	-

# Comprehensive Cross Reference

LMI/Bio-Detek

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BIO PROTECH		Quantity			Usage	LMI (KENDALL- LTP)	BIO- DETEK
Part Number	Material	Per Pouch	Per Box	Per Case	Application		
PT2034	Conductive Adhesive	100	500	5000	Resting EKG	810	DE1070
PT2334							
PT2634							
PT3034							
T716-3	Foam, Oval (Adult)	3	60	600	General Use	103	ME403
T716-5		5	100	1000		-	-
T716-30		30	600	6000		130	ME430
T716-50		50	1000	10000		-	-
T718-3	Foam, Oval (Pediatric)	3	60	600	General Use	403	LT403P
T718-5		5	100	1000		-	-
T718-30		30	600	6000		430	LT430P
T718-50		50	1000	10000		450	LT450P
T815-3	Cloth, Round (Adult)	3	60	600	Stress & Holter	-	ME303
T815-5		5	100	1000		305	-
T815-30		30	600	6000		-	ME330
T815-50		50	1000	10000		-	-
T816-3	Cloth, Oval (Pediatric)	3	60	600	Stress & Holter	-	LT303P
T816-5		5	100	1000		-	-
T816-30		30	600	6000		-	LT330P
T816-50		50	1000	10000		-	-
T716C-3	Foam, Carbon (Adult & Pediatric)	3	60	600	Radio Translucent	-	RT403
T716C-5		5	100	1000		-	-
T716C-30		30	600	6000		1950	RT430
T716C-50		50	1000	10000		-	RT450
T916-3	Clear Tape (Pediatric)	3	60	600	General Use	1103P	ME203P
T916-5		5	100	1000		-	-
T916-30		30	600	6000		1130P	ME230P
T916-50		50	1000	10000		-	-

# Comprehensive Cross Reference

3M/Vermed

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BIO PROTECH		Quantity			Usage	3M	VERMED
Part Number	Material	Per Pouch	Per Box	Per Case	Application		
PT2034	Conductive Adhesive	100	500	5000	Resting EKG	2322	A10014
PT2334							
PT2634							
PT3034							
T716-3	Foam, Oval (Adult)	3	60	600	General Use	2237T	A10006-3
T716-5		5	100	1000		-	A10006-5
T716-30		30	600	6000		2237	A10006-36
T716-50		50	1000	10000		2237	-
T718-3	Foam, Oval (Pediatric)	3	60	600	General Use	2257T	-
T718-5		5	100	1000		-	-
T718-30		30	600	6000		2270	-
T718-50		50	1000	10000		2237	A10005-50
T815-3	Cloth, Round (Adult)	3	60	600	Stress & Holter	2338T	A10007-3
T815-5		5	100	1000		-	-
T815-30		30	600	6000		2238	A10007-36
T815-50		50	1000	10000		2238	A10007-50
T816-3	Cloth, Oval (Pediatric)	3	60	600	Stress & Holter	2271-3	-
T816-5		5	100	1000		-	-
T816-30		30	600	6000		2231	-
T816-50		50	1000	10000		2231	-
T716C-3	Foam, Carbon (Adult & Pediatric)	3	60	600	Radio Translucent	-	-
T716C-5		5	100	1000		-	-
T716C-30		30	600	6000		-	-
T716C-50		50	1000	10000		-	A10004-50
T916-3	Clear Tape (Pediatric)	3	60	600	General Use	-	A10001-SG
T916-5		5	100	1000		-	-
T916-30		30	600	6000		-	A10000-36SG
T916-50		50	1000	10000		-	-