Skintact®

TECHNICAL INFORMATION
Skintact® ECG Electrodes

Skintact® ECG Electrode F-40C
Code: 58438



PRODUCT

Characteristics	disposable, pre-gelled, non-sterile,
Shelf Life	24 months unopened pouch
Storing Conditions (min./max.)	+5 °C (41 °F) / +30 °C (86 °F)
X-Ray Translucent	Yes
MR Conditional 1.5 T / 3.0 T	Yes

BIOCOMPATIBILITY

ISO 10993-1 et seqq	pass

MATERIALS

Stud	Carbon
Label	PET-Foil
Backing Material	PE-Foam
Adhesive	Medical-Grade Acrylate
Sensor	Ag/AgCl coated ABS
Sponge	PUR-Foam
Gel	Aqua-Wet (Liquid Gel)
Release Liner	Siliconized PET-Foil

DIMENSIONS

Electrode Size L/W [cm] (approx.)	Ø 4.0
Total Area [cm²] (approx.)	12.6
Gel Area [cm²] (approx.)	2.8
Adhesive Area (Backing Material) [cm²] (approx.)	8.8

STANDARD PACKAGING

Pieces / Card	1
Pieces / Pouch	30
Pieces / Box	1200
Lot number and expiration date on every pouch and box.	

DIMENSIONS PACKAGING

Pouch (L/W) [mm] (approx.)	210 / 196
Box (L/W/H) [mm] (approx.)	385 / 285 / 160

MATERIAL PACKAGING

Pouch	Paper / Aluminium / PE
Box	Cardboard

ENVIRONMENTAL INFORMATION

Compliance with RoHS Directive	yes
Compliance with REACH Regulation	yes
PVC free*	yes
Phthalates free*	yes
Not made with natural rubber latex.	yes

REACH CANDIDATE LIST SUBSTANCES

Information according to Art. 33 for substances contained above 0.1 wt%	
Substance	Boric acid**

*According to valid regulations ≤ 0.1 wt% or no intentionally added content
**Based on the information currently available, this substance does not pose any risk if the article is used as intended. Additional information is not necessary to allow safe use of the article.

ELECTRICAL VALUES	UNITS	AAMI LIMITS	RESULT
DC-Offset	[mV]	≤ 100	pass
DC-Offset (5 sec after Capacitor Discharge)	[mV]	≤ 100	pass
Recovery Slope	[mV/sec]	± 1	pass
AC-Impedance with 10 Hertz	[Ω]	≤ 2000	pass
Internal Noise Test	[µV]	≤ 150	pass
Bias-Tolerance	[mV]	≤ 100	pass

Made in Austria
Leonhard Lang GmbH
Archenweg 56, 6020 Innsbruck, Austria
Tel. +43 512 33 42 57, Fax 39 22 10
Medical@LeonhardLang.at
www.LeonhardLang.at

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