Skintact®

TECHNICAL INFORMATION
Skintact® ECG Electrodes

Skintact® ECG Electrode F-50C
Code: 58349



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 5.0
Total Area [cm²] (approx.)	19.6
Gel Area [cm²] (approx.)	2.8
Adhesive Area (Backing Material) [cm²] (approx.)	15.8

*According to valid regulations ≤ 0.1 wt% or no intentionally added content

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 / 210

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	n.a.

ELECTRICAL VALUES

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

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