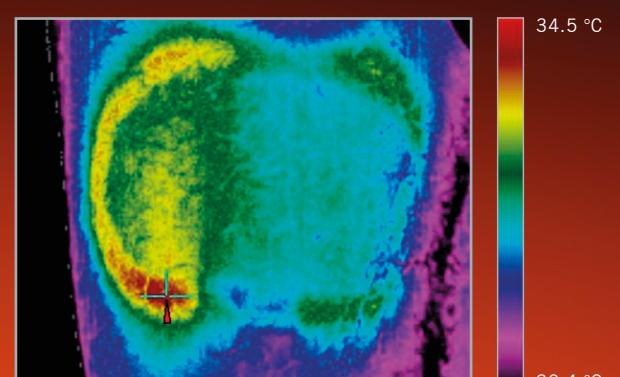


Ideal thermal properties

Temperature increase during activation



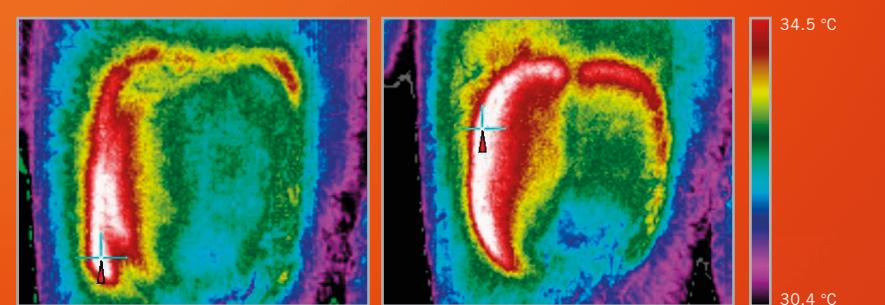
BOWA EASY

The low temperature solution

BOWA neutral electrodes offer maximum patient safety with low temperature increase during activation.

Thanks to a thin hydrogel layer, they ensure faster heat removal and a much lower temperature increase compared to the current market standard.

Conventional neutral electrodes



Literature

Edrich J., Cookson C. C.,
Electrosurgical dispersive electrodes
heat cutaneous and subcutaneous skin
layers, Medical Instrumentation, Vol 21,
p 81-86, 1987

McAdams E., Bioelectrodes, in
Encyclopedia of Medical Devices and
Instrumentation, John & Sons, Inc.,
p 120-166, 2006

Schröder D., Wetzel D.,
Vorkommensmeldungen zur
Hochfrequenz-Chirurgie, MTD Medizin-
Technischer Dialog, Vol 12/2009,
p 54-56, 2009

Connecting cable



Plug, generator side	Plug, neutral electrode side	REF	For generator type
		380-050 (4.5 m)	BOWA Erbe ICC/VIO International Valleylab REM Conmed
		386-050 (4.5 m)	BOWA Erbe ICC/VIO International Valleylab NON-REM Conmed
		101-150 (4.5 m)	ALSA Eschmann
		294-050 (4.5 m)	Erbe VIO/ICC/ACC Erbe T-Serie Martin

NEUTRAL ELECTRODES INNOVATIVE, SAFE, ECONOMICAL



BOWA
EINFACH SICHER

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72810 Gomaringen | Germany

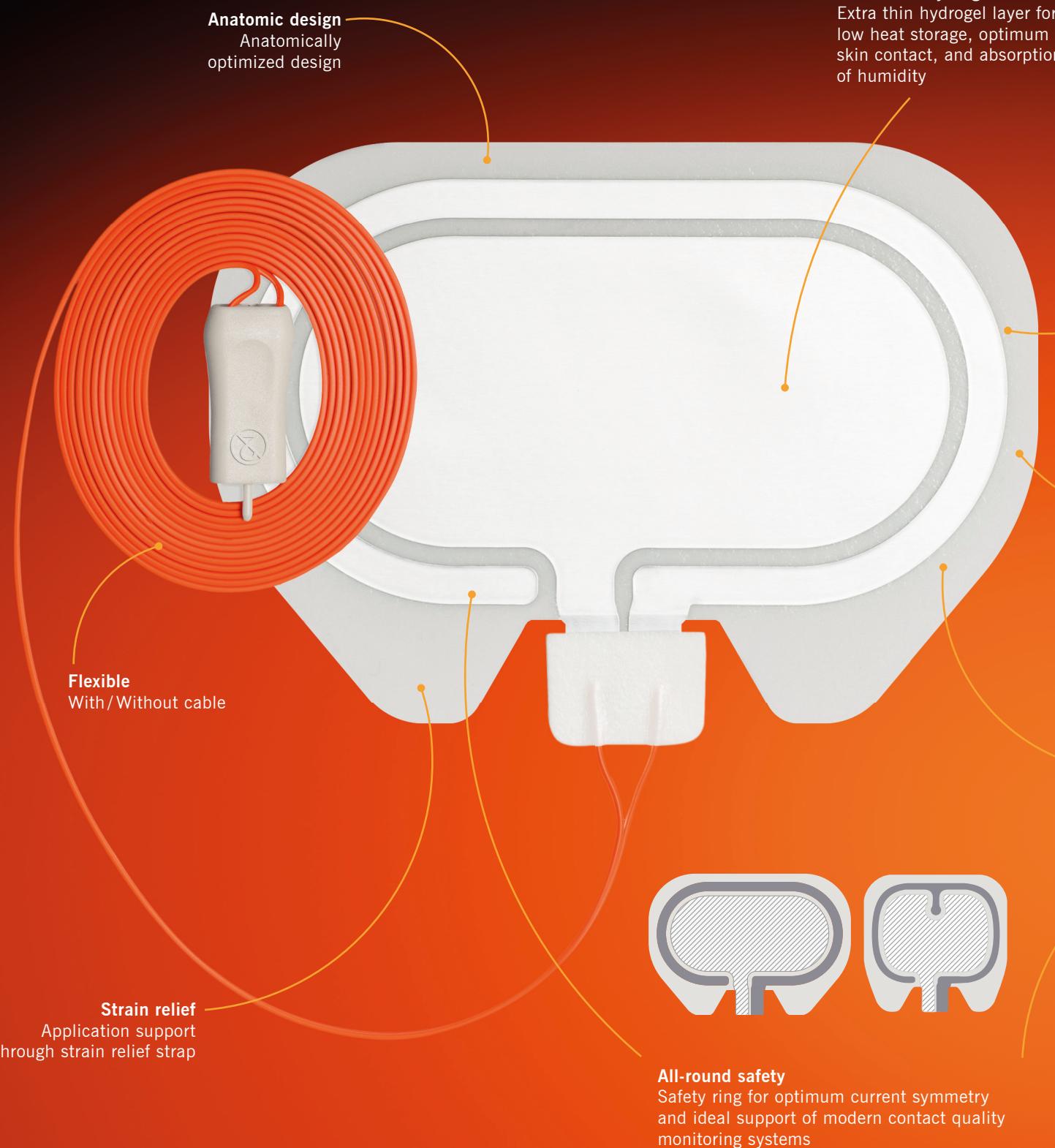
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Fax +49 (0) 7072-6002-33
info@bowa.de | bowa-medical.com



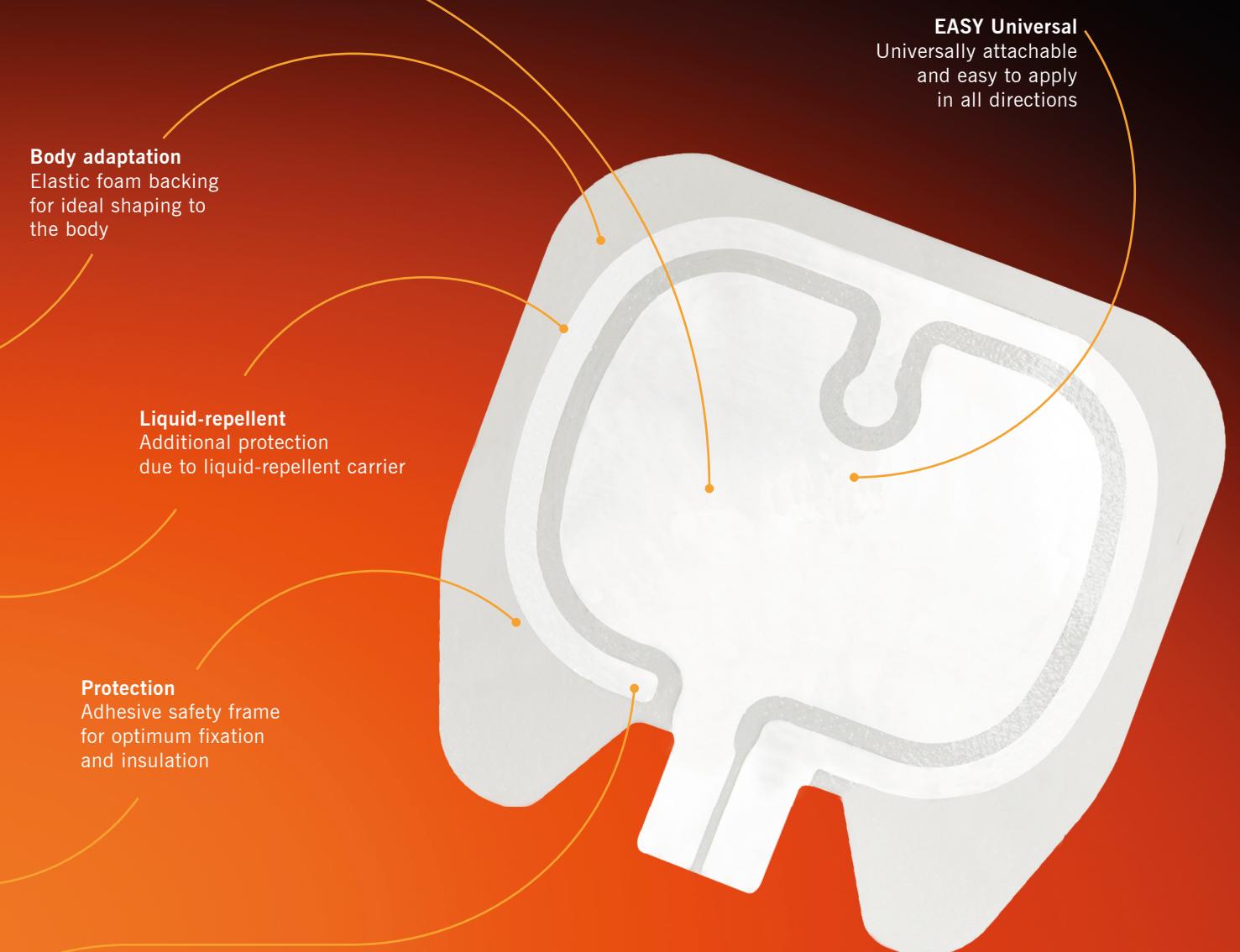
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Type „EASY Standard“



Type „EASY Universal“



BOWA neutral electrodes – innovative, safe, economical

The new standard in contact quality monitoring
Benefit from the advantages of modern hydrogel and circumferential electrode splitting to maximize safety in every OR. The combination of the new anatomically optimized design and

liquid repellent foam backing enables ideal body adaption and protection. Using all standard features, such as strain relief, safety frame, and optional cable.

Type overview – one for every need



		SPLIT	NON-SPLIT	REM SPLIT	NON-REM NON-SPLIT
Universal	> 5 kg				
		EASY Universal $A_{cond} = 90 \text{ cm}^2$ SPLIT		816-092	818-092
Adults	> 15 kg				
		EASY $A_{cond} = 160 \text{ cm}^2$ SPLIT		816-162	818-162
		$A_{cond} = 160 \text{ cm}^2$ SPLIT		816-161	818-161
		$A_{cond} = 140 \text{ cm}^2$ SPLIT		816-141	818-141
		$A_{cond} = 140 \text{ cm}^2$ NON-SPLIT		815-140	817-140
Children	5 kg - 15 kg				
		$A_{cond} = 70 \text{ cm}^2$ SPLIT		816-071	818-071
		$A_{cond} = 70 \text{ cm}^2$ NON-SPLIT		815-070	817-070
Newborns	< 5 kg				
		EASY $A_{cond} = 40 \text{ cm}^2$ SPLIT		816-042	818-042
		$A_{cond} = 40 \text{ cm}^2$ NON-SPLIT		815-040	817-040
Packing					
		5	100	1000	15
		1	15	150	150

* Conductive surface
Compatible with all major electrosurgical units.