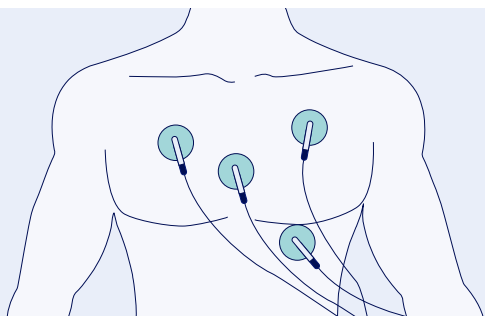
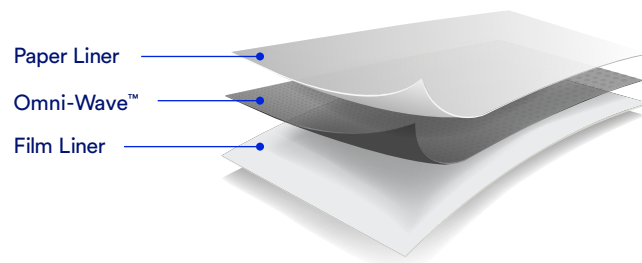


# Omni-Wave™

## Hydrogel-free biosensing technology



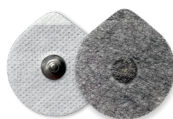
Approved component in customer 510(k) and CE marked finished good medical devices.

- Passes AAMI and ISO 10993-10 for sensitization and irritation
- Approved by the FDA for use in electrodes and wearables
- REACH and RoHS compliant
- Proven innovation ready to be licensed to OEMs and shipping worldwide

## New possibilities in wearables, diagnostics, and wellness.

Omni-Wave™ is part of the Flexcon® family of healthcare products.

### Features



**Omni-Wave™**  
FLX068983 / FLX069515



**Hydrogel**

#### Performance and Stability

**Not affected by humidity**  
No water content  
Does not dry out or absorb water  
Not dependent upon water to function

**Affected by humidity**  
High water content  
Easily dries out or absorbs water  
Highly dependent upon stable water content to function

#### Functional Life

3-day wear

2-3 day wear, skin and activity dependent

#### Adhesive Shelf Life

1 year (can be extended with over tapes)

6 months

#### Electrical Shelf Life

2 years

30-60 days

#### Allergic Reaction

No hydrogel related adverse reaction to skin

No standard options for those patients who are allergic to hydrogel

#### Ease of Processing

Easy to run - dry 2-mil (50 µm) adhesive

Roll to roll 30-40 mil (750 µm – 1,000 µm) gel processing can be challenging

#### Activity

Shower/bathe, jog

Failure in water

#### Storage Conditions

-40°F to 85°F / -40°C to 29°C

50°F to 90°F / 10°C to 32°C

#### Packaging

No expensive barrier packaging required

Moisture barrier packaging required  
(foil + film + paper) packaging required

#### Savings

Up to 20% savings in material costs  
Up to 60% less waste in manufacturing



For more information and disclaimers, visit [flexcon.com/omni-wave](https://flexcon.com/omni-wave)

016-4-051225