

# Durafoam 6500 Series

*Durafoam Disposable  
Extended-Life Sensors*



## **A revolutionary disposable sensor designed for comfortable, extended wear**

The Durafoam disposable extended-life sensor is an adhesive-free, single-patient use sensor designed for extended wear compared to traditional disposable sensors. The ultra-soft foam provides maximum comfort for patients, while the unique shape ensures that the sensor remains in place. Ease of placement and repositioning saves caregiver time and ensures correct alignment with each application. The 6500 Series disposable sensors with trusted PureLight® technology, combined with Nonin's PureSAT® signal processing, provide consistent results – patient to patient and sensor to sensor, even under challenging patient conditions such as motion and low perfusion.

# Durafoam Disposable Extended-Life, 6500 Series

## Product Highlights

- Extended-life – average use-life of 14 days per patient <sup>2</sup>
- Soft, non-adhesive foam –
  - helps maintain skin integrity, including patients who may be sensitive to adhesives
  - increases comfort and patient compliance for continuous monitoring
- Two unique shapes for adult or pediatric patients – choose the best option for each patient



## Select Your Size



**6500SA**  
Durafoam Disposable Sensor -  
Standard  
Adult/Pediatric



**6500MA**  
Durafoam Disposable Sensor -  
Small  
Adult/Pediatric

Package – box of 5 sensors . *Use only with Nonin pulse oximetry.*

## Key Product Advantages

- Simple design takes the guess work out of proper placement and alignment.
- Easy to apply and remove for repositioning or providing patient care.
- Easy to self apply for homecare patients – no sticky adhesive or precise alignment requirements makes application and repositioning virtually mistake proof.
- Even pressure on finger ensures consistent perfusion.
- Compatible with any Nonin pulse oximeter.
- Designed for patient safety with latex free materials and completion of all safety testing.
- Maintenance free – no cleaning required.
- Sensors – can be used with any Nonin pulse oximeter, regardless of model or software version.

## Specifications\*

<b>SpO<sub>2</sub> Accuracy (A<sub>rms</sub>**)</b> .....	70 – 100% ±2 digits <sup>1</sup>
Motion .....	±2 digits <sup>3</sup>
<b>SpO<sub>2</sub> Low Perfusion Accuracy (A<sub>rms</sub>**)</b> .....	70 – 100% ±2 digits <sup>1</sup>
<b>Pulse Rate Accuracy (A<sub>rms</sub>**)</b> .....	18 – 300 BPM ±3 digits <sup>1</sup>
<b>Pulse Rate Low Perfusion Accuracy (A<sub>rms</sub>**)</b> .....	40 – 240 BPM ±3 digits <sup>1</sup>
<b>Temperature</b>	
Operating: .....	-5 °C to +40 °C (+23 °F to +104 °F)
Storage/Transportation: .....	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Humidity</b>	
Operating: .....	10% to 90% non-condensing
Storage/Transportation: .....	10% to 95% non-condensing

This product complies with ISO 10993-1

<sup>1</sup> Additional accuracy and performance information can be found in the pulse oximeter operator's manual.

<sup>2</sup> BHS Study: Nonin Medical's Durable Disposable Pulse Oximetry Sensor Results in Significant Cost Savings and Increased Staff Efficiency.

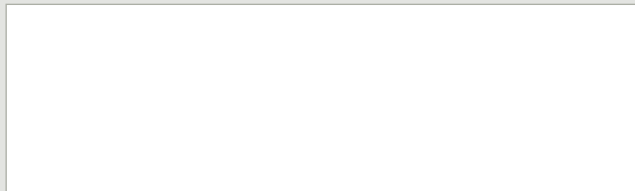
<sup>3</sup> Accuracy specifications based on testing with model 7500.

\*See product Instructions for Use (IFU) for more information on product specifications and testing.

\*\* ±1 A<sub>rms</sub> encompasses 68% of the population. This information is especially useful for clinicians performing photodynamic therapy.

Specifications are subject to change without notice.

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