

# NANOFIBRE TECHNICAL DATA

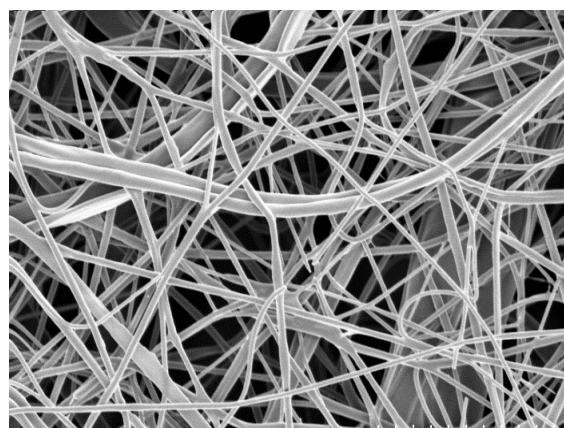


<b>Collagen</b>	<b>Polymer</b>	Collagen
	<b>ITEM #</b>	NF0001
	<b>DATE AMENDED</b>	19th April 2017

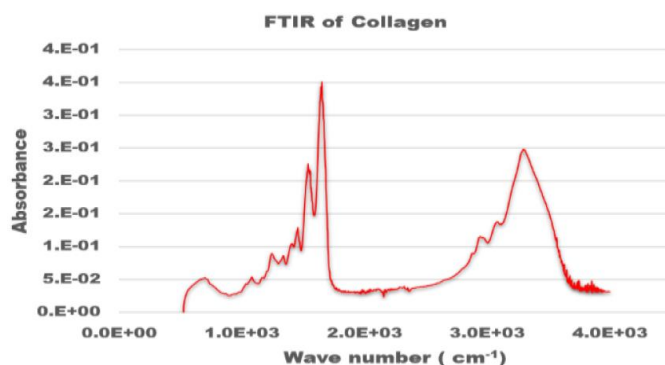
## DESCRIPTION

Marine collagen nanofibre mat on various types of substrates with depositions ranging from 0.5 to 5 g/m<sup>2</sup>

## STRUCTURE



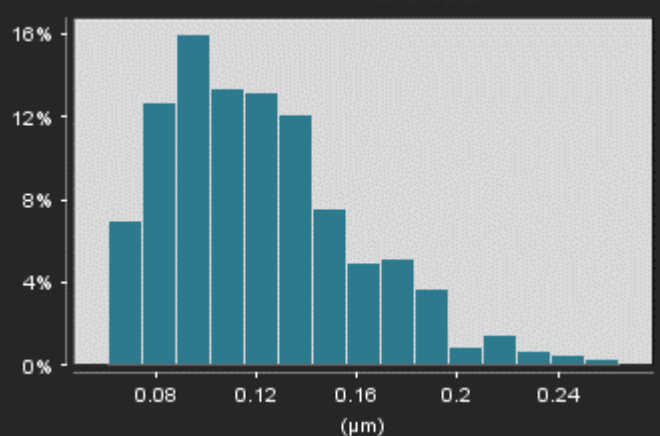
## FTIR SPECTRUM ANALYSIS



## PROPERTIES

<b>Polymer</b>	Collagen (100%)
<b>Polymer Category</b>	Bio-polymer
<b>Additives</b>	Nil
<b>Product Category</b>	Non-woven
<b>Nanofibre Deposition Weight</b>	0.5 - 5 g/m <sup>2</sup>
<b>Average Fibre Diameter</b>	100nm +/- 10%
<b>Average Fibre Length</b>	Continuous
<b>Packing Density</b>	High
<b>Melting Point</b>	Unknown
<b>Hazard Classifications</b>	Not Hazardous

## Fiber Diameter



## PRODUCT CUSTOMISATION

<b>Product Form</b>	Sheets, Shapes and Rolls
<b>Nanofibre Roll Width</b>	0.5m - 2m
<b>Substrate Material/Colour</b>	A wide range is available/customer supplied (Eg. polycotton, spunbond)
<b>Protective Layer</b>	A wide range is available/customer supplied (Eg. LDPE film etc.)
<b>Product Shelf Life</b>	< 2 years

## NOTES

Fully dissolved in moist skin and water, in less than 15 seconds at 20°C.