



NONWOVEN NANOFIBER MATRICES MEDICAL APPLICATIONS



NANOFIBERS REPRESENT THE NEXT GENERATION OF TECHNOLOGY AVAILABLE FOR DEVELOPMENT OF NEW AND INNOVATIVE MEDICAL DEVICES. SNS NANO HAS THE MANUFACTURING, TESTING AND DEVELOPMENT EXPERTISE NECESSARY TO HELP OUR CUSTOMERS INTRODUCE NANOFIBERS INTO MEDICAL APPLICATIONS SUCH AS:

- Absorbent wound dressings
- Burn dressings
- Specialty filtration
- Wound dressings with active components
- Chronic wound care
- Controlled drug delivery

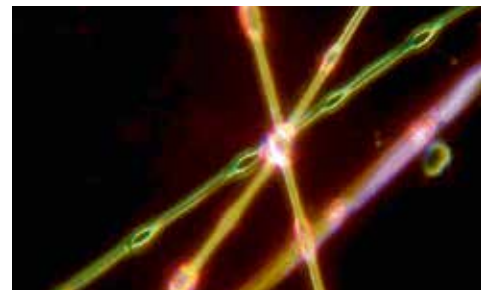
BENEFICIAL CHARACTERISTICS THAT CAN BE ACHIEVED, DEPENDING ON THE POLYMER EMPLOYED:

- Elastic
- Conformable, flexible and soft
- Water soluble
- Biodegradable
- Biocompatible

KEY ATTRIBUTES OF NANOFIBER MATRICES:

- Microparticles can be entrapped in matrix
- Nanoparticles can be encapsulated or entrapped
- Water soluble nanofibers dissolve rapidly
- Nanofibers can be terminally sterilized

Since 2011, the Quality Management System of SNS Nano has been certified to ISO 13485 with design. Let us help you develop your next generation, cutting edge medical product technology.



Contact SNS Nano to learn more about the many options for incorporating nanofibers in medical device applications!

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