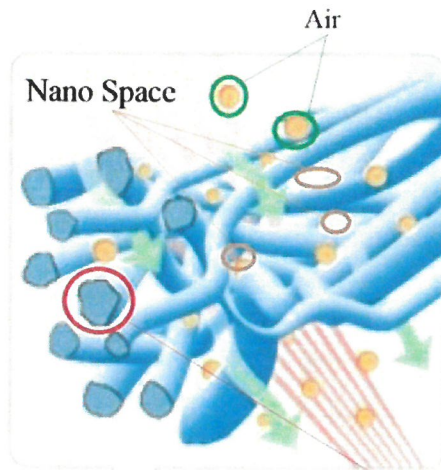


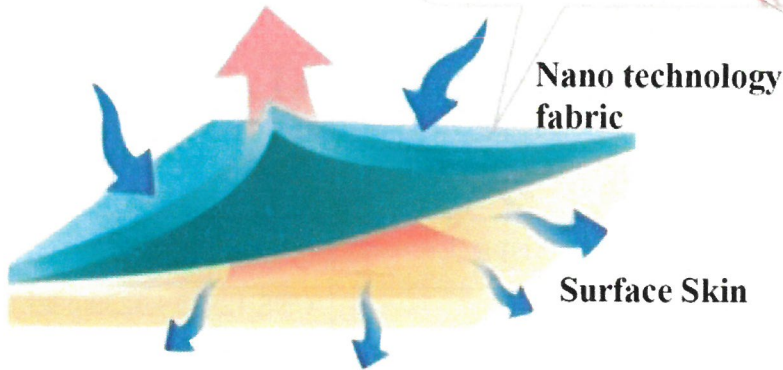
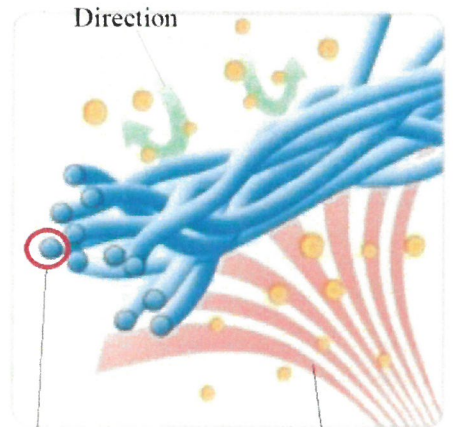
YARN TECHNICAL ILLUSTRATION

Quick Absorb
Quick Dry
Wicking
Odor Control
Anti-UV

Nano Technology Yarn

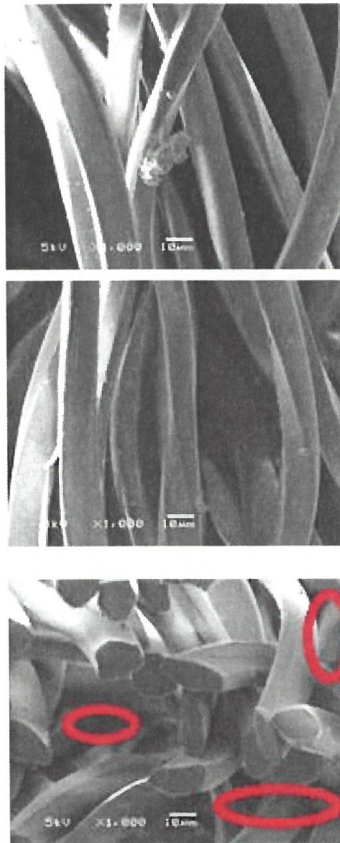


Normal Polyester Yarn



Yarn shape is different (puff shape)

Heat/Moisture



Part A: Nano Technology Fabrics

Nano technology is applied on polyester yarns focus on the engineer which can change the shape of yarn. It creates the Nano-space between filament and filament (each yarns is combined from 98 to 192 filaments, based on the end-product), make the yarns shape is special. The Nano-space helps to enhance the function of fabric, make it softer and the functions will last forever. This technology on yarn gives 6 below functions:

1. Light weight (98GSM)
2. Mechanic stretch excellent recovery
3. Anti-UV
4. Anti-Odor
5. 3D quick dry.
6. Wicking

Nano-space

Part B: Specifications

NANO TECHNOLOGY FABRIC TECHNICAL POINTS			
Function	Value	Unit	Testing method
Weight	98	g/m ²	AATCC 20 A-2007/20A-2008
Anti UV	102.66	UPF	AATCC 183-2014
Drying rate	123	mins	CNS 12915 L3233 6.25.1 Method A
Absorbency	23-24	second	AATCC 79-2014
Wicking (warp)	0.6	mm/sec	AATCC TS-017
Deodorant	75	Percent	ISO 17299-2, By Detector Tube Method
Colorfastness to washing	4	grade	AATCC 61
Formaldehyde	≤ 5	mg/kg	ISO 14184-2011
Tensile Strength	≥ 25	lbs	ASTM D5034 - 2009
Tearing Strength	≥ 2.5	lbs	ASTM D1424 - 2009