

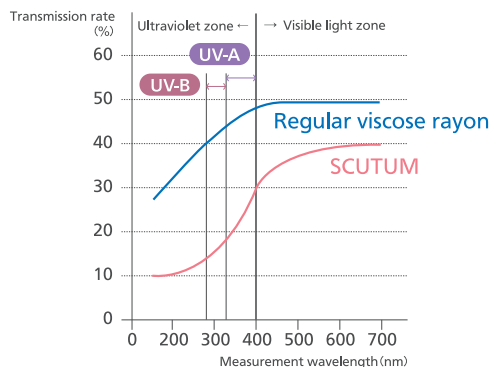
Cutting Ultraviolet Rays  
- the Nemesis to Your Skin!

UV-cut viscose rayon

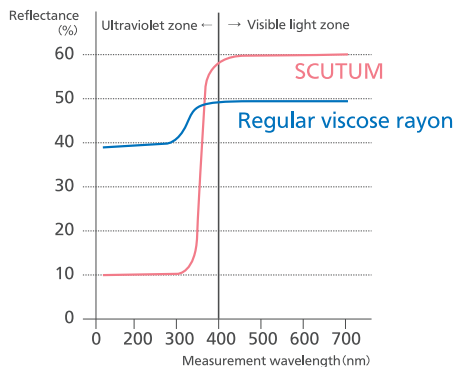
# SCUTUM™

SCUTUM is the viscose rayon fiber with functional ceramics incorporated by our special technology.

**DATA** The material provides great shielding performance against ultraviolet light and visible light.



**DATA** Moreover, SCUTUM shows an anti-transparency effect with the high reflectance of visible light.



## Types of Ultraviolet Rays

### UV-A

UV-A reaches the corium layer of the skin to denature proteins, resulting in browning of melanin pigment (suntan), wrinkle or sag.

### UV-B

UV-B penetrates deep into the epidermis to damage epidermal cells, which is the cause of the production of melanin pigment, blister (sunburn), wrinkle or stain, and also has the possibility of causing cancer.

The graph shows the higher reflectance of visible rays by SCUTUM than by regular viscose rayon.

Test method: Our own evaluation method  
Test sample: Spunlace non-woven fabric of 50g/m<sup>2</sup> weight

\* Measurements can vary according to rayon mixture ratio, knit texture, etc. For commercialization, please check with each kind of product.

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