



Innovative Fibers

BY MARSHELLA AZALI

Spider Silk Fibers

The meanings

Is a fabric that made by Spider's web with Bio technology to produce shoes and ready to wear garments. Spiders produce silk fibers with remarkable properties including high tensile strength, elasticity, durability, and softness. We isolate and purify the silk protein, then spin it into fibers, similar to those like rayon and acrylic. We knit these fibers into fabrics and garments.



How to created?



UNDERSTAND WHICH SPECIES MAKE THE
RIGHT WEBS



FIND ABANDONED WEBS



COLLECT WEBS



CLEAN AND UNTANGLE THE SILK



COMBINE FIBERS



TWIST THREAD



WIND INTO SPOOL



OTHERS WHO HAVE USED SPIDER SILK, AND
SOME OF THE RESEARCH DONE ON IT

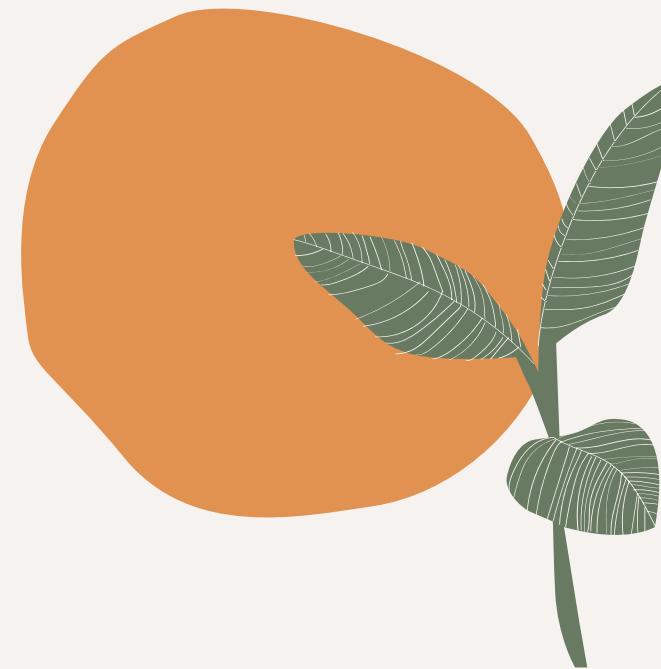
END USE

Watch strap

Shoes



SPIDER SILK FABRIC



Made by *AMSilk*

Collaboration with Omega's Nato watch straps and Adidas shoes