**APPLICATION**

**FILAGEN®** can be used for weaving and knitting alone or can be blended with cotton, silk, wool, linen and synthetic fibers.

**FILAGEN®** provides extra comfort and skin extra moisturizing for shirt, dress, workwear, denims, sportswear, sleepwear, lingerie and innerwear, functional accessories, bedding and home textiles.

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**MAKE YOU FEEL MORE AND BEYOND YOUR IMAGINATION FOR COZY AND COMFORTABLE EXPERIENCE**

**GEP Spinning Co., Ltd** - 2/85 Bangna Complex Tower, 16th Floor, Soi Bangna-Trad 25, Bangna, Bangkok 10260 Thailand  
Tel: +66 2173 6459  Fax: +66 2173 6458  
Email: info@gepspinning.com  Web: www.gepspinning.com
Originated from natural resources, FILAGEN®, collagen fiber, is an innovative functional fiber that has marine collagen peptides incorporated into the body of viscose fiber providing a high level of comfort and protection for fabrics and garments. This has been achieved by advances in biotechnology with nanotechnology manufacturing processes.

In addition to its soft, lustrous fibers, FILAGEN® also has an outstanding performance in skin extra moisturizing, deodorization and UV protection. Thus, wearers will experience softness, comfort as well as optimal surface warm and cool sensations while healthy skin remains.

FILAGEN® is produced from renewable natural resources like cellulose fibers from woods and marine collagen peptides from milkfish scales and is, therefore, biodegradable and sustainable.

**CHARACTERISTIC & PERFORMANCE**

**COLLAGEN PEPTIDES** - The collagen peptides extracted from milkfish scales are incorporated into the body of the fiber. Thus, they remain inside the fabrics after countless washing. This enables the functions of FILAGEN® to continually exist.

**MOISTURE ABSORPTION** - FILAGEN® excels in moisture absorption, as a result of its abundant hydrophilic groups within collagen peptides & cellulose fibers.

**EXTRA MOISTURIZING** - The collagen peptides will collect moisture and spread out thoroughly within the fiber, thus reducing skin dehydration and leaving skin fresh and moist. The transepidermal of skin test indicated that skin moisture of those who wear FILAGEN® textile is 13 times higher than that of those who wear cotton.

**DEODORIZATION** - Collagen peptides in FILAGEN® act as a natural deodorizer to suppress undesirable odor from body perspiration. The deodorizing function will remain even after 100 washes.

**UV PROTECTION** - FILAGEN® provides an effective sun protective factor with UPF 50+. With FILAGEN®, skin will be shielded from UVA & UVB.

**COMFORT** - Outstanding moisture absorption and optimum Q-max value (surface warm and cool sensation) plus excellent softness of FILAGEN® guarantee that wearers will experience comfort & coziness because it will maintain a suitable level of temperature for all seasons.

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