## FIBER INFORMATION CHART

1. Coats 2. Suits 3. Sweaters	1. Expensive	1. Warm 2. Luxurious	Cameis	Camel hair
Dresses     Sweaters     Coats	Requires special care     Sensitive to chemical action     Sensitive	1. Warm 2. Luxurious	Kashmir goat	Cashmere
<ol> <li>Upholstery</li> <li>Men's suits</li> <li>Clothing</li> </ol>	1. Expensive	1. Strong 2. Lustrous	Angora goat	Mohair
1. Clothing 2. Household items	Yellows with age     Weakened by sun- light     Weakened by per- spration     Susceptible to insect damage	Luxurious     Elastic     Wrinkle resistant     Absorbent     Dyes easily	Silkwarm cacaons	Silk
Clothing     Carpeting     Household items	Sensitive to alkaline substances     Susceptible to moths and carpet beetles     Shrinks and mats easily	Warm     Comfortable     Resilient     Naturally absorbent     bent     Dyes easily     Supple     Water repellent     Hame resistant	Sheep	Wool
Twine     Trishing net     Tre noses     Upholstery fabric     Scarves	1. Expensive	<ol> <li>Natural luster</li> <li>Dyes easily</li> <li>Dries quickly</li> <li>Absorbs moisture</li> <li>Good wet strength</li> </ol>	Stalk of China grass plant	Ramie
Gunny sacks     Wearing apparel     (when lined)     Decorative house- hold fabrics	Coarse     Poor wet strength     Brittle     Wrinkles easily     Natural odor	1. Inexpensive	Stalk of jute plant	Burlap (jute)
1. Clothing 2. Household items	Wrinkles easily     Shrinks easily     Susceptible to     mildew	Strong     Durable     Dries quickly     Dyes well     Absorbs moisture	Stalk of flax plant	Linen
Outer clothing     Undergarments     Household items	Lacks elasticity     when untreated     Wrinkles eastly     Weakened by mildew     Shrinks eastly	Strong     Durable     Serviceable     Serviceable     Dries quickly     Good wet strength     Dyes and prints     readily     Easily accepts     finishes     Absorbs moisture	Seed pod af cotton plant	Cotton
Uses	Disadvantages	Advantages	Fiber Source	Fiber

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Spandex	Polyester	Nyion	Acrylic	Acetate	Rayon	Fiber
Wet or dry     spinning     method	1. Melt spinning method	Petroleum (air, water, and natural gas)     Melt spinning method	Acrylonitrile     (natural gas, petroleum, limestone, air and water)     Wet or dry spinning method	Wood pulp     Dry spinning     method	Celluiose     sheets     Wet spinning     method	Fiber Base and Spinning Method
Good elasticity     Sunlight resistant     Resists oils and     perspiration better     than rubber     Good holding power	Wrinkle resistant     Good dimensional stability     Strong     Strong     Accepts heat setting     Moth and mildew resistant	Strong     Quick drying     High wet strength     Resilient     Heat sensitive     Mildew and insect resistant     Resilient     Accepts heat setting	Good strength     Good elasticity     High bulking power     Accepts heat setting     Good dimensional     stability	Absorbent     Good colorfastness     with some dyes     Bright and lustrous     or dull     Luxurous feel     Good resiliency     Flame resistant     Cood draping     qualities     Inexpensive	Can be made liame retardant liame retardant 2. Inexpensive 3. Dyes and prints easily 4. Absorbent 5. Easily accepts finishes	Advantages
Low tensile strength     Discoloration	Low moisture     absorption     Discoloration of     white     Holds oily stains	Low moisture absorption     Low resistance to sunlight     Absorbs and holds body oils and perspiration     Picks up stray dyes and grays easily	Pilling     Holds oily stains     Low moisture     absorption	Poor wet strength     Heat sensitive     Soluble in acetone     Generales static electricity     Subject to     fume fading	Poor wet strength     Low resiliency     Winkles easily     Weakened by light	Disadvantages
Suits     Slacks     Bathing suits     Household items     Support undergarments	Carpets     Uphoistery     Knitted clothing     Woven clothing	1. Carpets 2. Hosiery 3. Underciothing 4. Lingerie 5. Knitted ciothing 6. Woven clothing 7. Swirmwear 8. Uphoistery	1. Draperies 2. Carpets 3. Uphoistery 4. Sweaters 5. Skirts 6. Suits 7. Blankets  IX	1. Luxurious, silky clothing 2. Draperies	Clathing     Hausehold items	Uses