



## ENGINEERED PLYING AND TWISTING

Patrick Yarn's proven capability for engineering yarns for our customer's specific end use is exemplified by our diverse doubling, twisting and plying capabilities. Our modern twisting installation is unique in its diverse capabilities to build a yarn that makes our customers' ideas and requirements a reality.

### ***Our Plying & Twisting Capabilities include:***

- Encompassing up to 16 different components
- Multitude of package put-up capabilities
- Total denier range from (30/2 Ne) 354 denier to (1/8 Ne) 42520 denier
- All technical yarns spun from ring, open end or Dref spinning systems
- Combinations of different spun fibers
- Twisting of spun yarns with filaments of:
  - Stainless Steel
  - Fiberglass
  - Basalt
  - Copper
  - Brass
  - Anti-stat Filaments
  - Spun yarns
  - Textured or Flat Filaments
  - Carbon
- Capable of incorporating stretch cores
- Combinations hard and soft cores
  - Synthetic Filaments and Stretch Cores

### ***Typical Applications***

- Heat-Cold Protection
- Fire Or Cut Protection Fabrics
- Protective Gloves And Sleeves
- Carpeting
- Filtration
- Janitorial
- Conveyor Belting/Webbing
- Hose Reinforcement

*This is a partial and representative listing of Patrick Yarns capabilities. We welcome challenges and can engineer yarns to our customer's unique requirements and specifications.*



[www.patrickyarns.com](http://www.patrickyarns.com)

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