

Dyneema®

- The strongest and lightest manmade fiber
- Pound for Pound 10 times stronger than steel, 40% stronger than Aramid fiber
- Superior cut resistance
- Outstanding toughness and abrasion resistance
- Resists chemicals, water and sunlight
- Excellent flex fatigue and low stretch
- Light enough to float (97. specific gravity)
- Low dielectric constant
- High modulus

Applications

- **Armor:** Vests, Helmets, Breast Plates, Vehicles, Spall lining, Blast Containment
- **Cordage:** Ropes, Netting, Slings
- **Fishing Lines:** Spiderwire®
- **Sporting Goods:** Sailcloth, Kite String, Bow String, Backpacks, Water-Ski Tow Lines
- **Cut Resistant:** Gloves, Aprons, Sleeves
- **Composites:** Golf Shafts, Radomes, Boat Hulls, Tennis Rackets
- **Niche:** Dental Floss, Space Tether, Hot Air Balloon