



## Specialty Cones and Cylinders

Got take-up troubles with such equipment as assembly winders or twisters? Textube performance carriers present a solution for you.

Textube offers outstanding custom capabilities in specialty cones and cylinders, combining in-house tooling, engineering and production, resin choices and molding. The result—optimal mechanical and surface properties for a variety of proprietary applications. Among these strategies...molded-in, precision microgrooves for controlled frictional properties.

Textube's optimal surface properties, precise dimensions and dimensional stability produce a higher quality package. Significant processing efficiencies are effected along the way. The ultimate payoff...higher quality woven and knit goods.

**Optimized  
mechanical  
and surface  
properties for  
high quality  
packages.**

### THE TEXTUBE DIFFERENCE

#### Dimensional stability

- Precisely controlled cone and cylinder length
- Absolutely consistent inside diameter at both the base and the nose
- Lot-to-lot uniformity—absolutely critical for productivity on automated spinning frames
- Absolute dimensional stability regardless of relative humidity
- The multi-cycle durability of heavy-wall carriers
- The cost-efficient reliability of thin-wall carriers

#### Surface properties

- Custom-engineered molded surfaces or finishes
- Optimized tension development, especially critical for early turns
- Improved retention—tails neither slough off too soon, nor stick too long to the carrier
- Productivity-enhancing tail transfer from package to package

#### Material options to engineer individual solutions

- Base resin compounds
- Impact-modified resins
- Filled resins
- Engineering grade resins

# TEXTUBE®

*Think Textube...think performance*



#### **Resin colors**

- Wide range of solid color choices
- Exclusive two-color molding capability
  - Hundreds of dual color combinations
  - Dual variable coding for easy identification of packages
  - Code by plant, yarn weight, fiber blend, machine, etc.—any two combinations of variables

#### **Recyclability**

- Recycle yarn carriers best by reusing them
- Even our thin-wall carriers offer multiple cycles
- Heavy-wall carriers give many times the cycles of thin-wall
- Accepted by plastic recyclers for further cost-efficiency

#### **Applications**

- Very fine exotic blend yarns
- Heavy industrial yarns
- Monofilaments
- Textube carriers give the desired performance!

Thinking performance? Think Textube. Call today for qualified assistance in improving your package quality.

# **TEXTUBE<sup>®</sup>**

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