Fluoropolymers are polymers with fluorine atoms directly attached to their carbon backbone. Fluoropolymers are materials that possess a unique combination of properties, making them more efficient, versatile and critical to the products that they enable.

These include:
- Fire Resistant
- High Performance Electrical Insulator
- Weather Resistant
- Non-Wetting
- Non-Stick
- Temperature Resistant
- Chemically Resistant

Fluoropolymers’ unique combination of properties make them important components of a wide array of consumer products, from cookware to textiles to personal electronics. Fluoropolymers enable more durable and functional goods that meet the high expectations of today’s consumers.

**Benefits of Fluoropolymers to Consumer Products:**
- Increased lifetime and lower replacement costs
- Non-stick cooking, stain resistance, and easier cleaning
- Reduced need to use oils and other fats when cooking
- Waterproof, breathable, and comfortable textiles
- Fireproof properties
- Smaller, more durable personal electronics

**CONSUMER PRODUCTS: A CLOSER LOOK**

- **U.S. Textile Sector Value**: $30B
- **U.S. Retail Sales of Cookware**: $1.41B

**Critical Consumer Products Uses:**
- Cookware
- Raincoats, jackets and trousers
- Footwear
- Sewing threats, fibers and weaving yarn
- Awings, umbrellas and furniture
- Cell phones, tablets and laptops

**Fluoropolymers By the Numbers**

- **Direct Jobs**: 1,500
- **Indirect Jobs**: 13,500

**Downstream Jobs**

*Hundreds of thousands* of additional jobs are supported by industries that rely on fluoropolymers.

**Trade Surplus**

- **$520M**

**Research & Development**

- **$150M**

*(6.4% of revenue of interviewed companies)*