



Types of Polyester Yarns

Polyester yarns have a wide range of diameters and staple lengths. The yarns are made basically as monofilament yarns or multifilament yarns and spun yarns. Listed below are several types of polyester yarns that are used in both fashion and home furnishings products. Many believe that if a fabric is made of 100% that it is inherently FR. That is not the case. Each product must be tested to see if it will pass NFPA 701, and it cannot be assumed that it will pass just because it is made of 100% polyester.

Filament Yarns

PET Polyester is used to make filament yarns either in monofilament or multifilament forms. The direction and amount of twists are decided by the desired end use. The properties are also pre-determined. There are various types of such yarns. There is the bright, regular tenacity polyester yarn having light, stretch and sag resistance, used for sheer lightweight fabrics like tulle, voile and organdy. The regular tenacity semi dull yarns are used for various apparels including lingerie. The dull version is used for shirts and blouses. Polyester yarns resistant to various chemicals, and microorganisms are produced from high tenacity fibers for such industrial uses as conveyor belts, ropes and nets etc. Filament yarns are sometimes be the cause of flaring in drapery panels.

Textured Yarns

These yarns are made of PET multifilament fiber. Texturizing is either done along with the drawing process or afterwards during throwing or texturizing process.

Spun Yarns

These yarns are made of staple, cut PET or PCDT polyester fibers. The staple may be bright, semi-dull or dull and tenacity may be regular, mid or high. It may be polished to reduce crimp and increase luster. It may either be spun alone or blended with other staple such as cotton, wool or rayon and then spun into yarn. Spun yarns can sometimes reduce flaring in drapery panels.