



High Performance PTFE & Silicone Coated Products

PTFE Coated Para-Aramid Tie Cord

W.F. Lake Corp. manufactures this PTFE coated para-aramid tie cord from continuous filament yarns that have been individually coated prior to braiding. These para-aramid yarns are then braided together in a uniform, round braid. That braided product is again PTFE coated to enhance chemical resistance, improve abrasion resistance and reduce fraying. Our uniform PTFE coating completely encapsulates the individual yarns and finished braid, enhancing resistance to build-up of contaminants. In addition, the smooth coating improves handling characteristics and reduces the tendency of uncoated yarns to fray. This braided tie cord is PTFE impregnated prior to braiding, thus increasing flexibility and knot strength versus competitors products that are braided first, and then coated. Our process yields a product that does not tend to shed loose filaments and remains flexible over time.

APPLICATIONS INCLUDE

Tying wire or cable bundles or harnesses for use in extreme environments. Typical industries include commercial and military aircraft manufacture, municipal transportation, military and shipboard wiring etc... Also used for hand sewing of high temperature insulation blankets, welding curtains etc...

PRODUCT DATA

Part <u>No.</u>	Yarn <u>Style</u>	Coating <u>Type</u>	Coating <u>% Nom</u>	Yield <u>(yds/lb nom)</u>	Diameter <u>(nom.in.)</u>	Tensile <u>(lbs)</u>
E790-60BLK	Para-Aramid (continuous filament)	PTFE* (black color)	30	400	0.047	150
Construction: Round braided PTFE Coated black para-aramid tie cord. * PTFE coating is pigmented black for all coating passes.						
NOTE: These products are intended for industrial applications only. They are not designed or tested for medical applications. Suitability for any application must be determined by the user.						

Serving Package: Straight Spool

Package size: 250 yd spool.

All values are typical and should not be used for writing specifications.

Operating Temp: 450 deg F., 230 deg. C.