

QTN Quality Assurance Program

We are committed to providing the highest quality products available. To achieve this, we do extensive testing that is unmatched by anyone in our industry to ensure our customers are consistently satisfied with our products.

QTN BRAND THREADS TESTING

Sewing Thread Performance

Ply adhesion is critical to good sewing performance. Cone winding is inspected and analysis of lubricant and bonding is conducted.

Bond Testing

Thread is twisted in opposite direction of bond to check twist strength.

Color Matching

Each lot number is compared to previous reelings to confirm color consistency.

Sew-Down Testing

Typically when lubricant is added, polyester thread appears darker. As the lube burns off during sewing the color lightens to match the fabrics. For this process we sew the thread into matching fabric to evaluate the "sewn-in" color, comparing it to previous production lots. Any color found outside our acceptable standards is rejected and new production is created with the necessary adjustments.

Migration Testing

Test for color transfer after contact on vinyl for 24 hour period.

Wet & Dry Crocking

Test if excess dyes come off dry thread when rubbed with dry tissue or napkin. Test if excess dyes come off thread soaked in water for 24 hours with dry tissue/napkin.

Cleaning Chemical Testing

No color migration/fade after using many of today's popular cleaning chemicals.

