

CONDUCTIVE THREAD

Stainless Steel, 2-Ply, 316L Conductive Thread is ideal for any wearable / e-textile application. Its strong and smooth construction is a little thicker than every day polyester or cotton thread, making it a little stiff with a waxed thread feel. However, it is still thin enough to be sewn by hand using medium-eye needles or with a sewing machine that can handle heavier threads.

With a fairly low resistivity, it can be used to drive LEDs and other electronic components, making it the optimal conductive thread for any wearables work.



FEATURES:

- Stainless Steel fibers will not oxidize like silver
- Ideal for any wearable / e-textile project
- Safe to wash

SPECIFICATIONS:

- **Type:** 316L Stainless Steel
- **Filaments:** 100
- **Strands:** 2
- **Diameter:** 0.16mm
- **Weight per Meter:** 0.193g ($\pm 3\%$)
- **Elongation:** $\geq 2.5\%$
- **Breaking Strength:** $\geq 5\text{kgf}$
- **Average Resistance:** $16\Omega / \text{Ft.}$ ($\pm 3\%$)

NTE PART NO.	Material	Strands	Spool Length
WW-1	316L Type Stainless Steel	2	75 ft. (23 Meters)