

# Conductive Stainless Thread (30-40Ω)

FIT0743

## Product Overview

01/11/2023

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

DFRobot Conductive Stainless Thread (30-40Ω) is a smooth stainless steel fiber conductive sewing thread with 30Ω-40Ω resistance. This wire features small resistance, good thermal conductivity, high melting point, and high-temperature resistance. The conductive stainless thread has a diameter of 0.3mm. This wire can be used for making touchscreen gloves, anti-static clothing, wearable electronic equipment, anti-static brush, driving LED, and other small current electronic components.



## Features

- Low resistance and stable resistivity
- 650°C high-temperature resistance
- 1350°C melting point
- Safe to wash and reusable

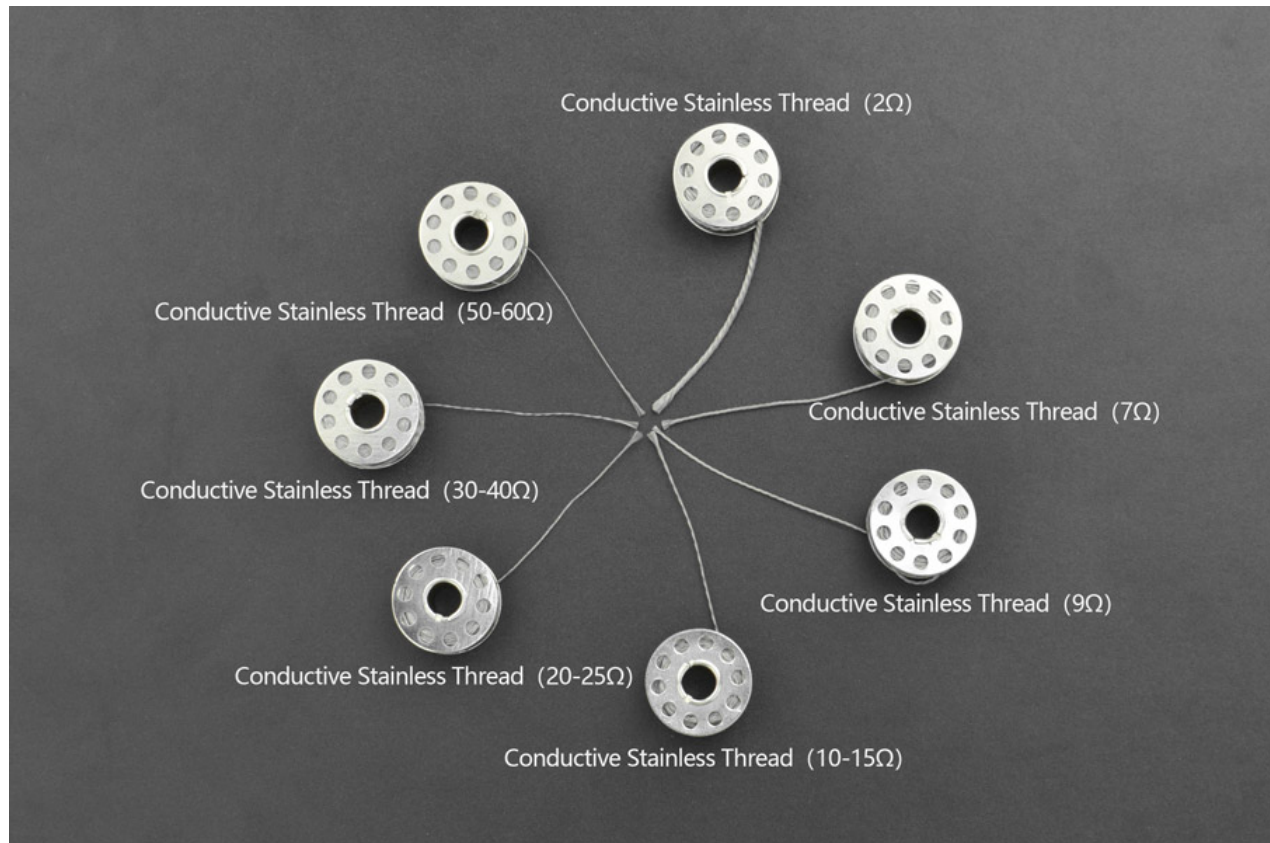
## Specifications

- 30-40Ω/m wire resistance
- 25m length
- 0.3mm diameter

## Applications

- Touchscreen gloves
- Anti-static clothing
- Wearable electronic devices
- Anti-static brushes
- Driving LEDs
- Other low-current electronic components

## Overview Image



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fit0743-stainless-thread/>