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Conductive Thread - 60g (Stainless Steel)

DEV-11791 ROHS✔

★★★★½ 9

DESCRIPTION | FEATURES

This is about 360 yards of conductive thread spun from stainless steel fiber and wound on a spool. You can use it as a creative way to connect various electronics onto clothing projects. This large spool is a great way to get into wearable electronics without a large upfront cost and a large enough quantity to not be afraid of making a few mistakes.

What sets this thread apart from the other conductive thread that we carry is the fact that it's actually spun from stainless steel fibers (as opposed to plated silver) and doesn't have a Nylon core. This means that while it may not be easy to solder to, because it's stainless, it also won't burn up when you touch it with a soldering iron. Also, it's somewhat 'hairy' and can be slightly more difficult to work with in close, fine conditions than the other thread. Our resident E-Textiles expert suggests waxing the thread for hand sewing, as this should take care of any 'hairy thread' issues. Since waxing is impractical in machine sewing applications, avoid sewing close connections by machine as the 'hairs' could potentially short across small distances.

Replaces: DEV-8544 & DEV-8549

Conductive Thread - 60g (Stainless Steel) Product Help and Resources

SKILLS NEEDED

Core Skill: DIY

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

Skill Level: Noob - Basic assembly is required. You may need to provide your own basic tools like a screwdriver, hammer or scissors. Power tools or custom parts are not required. Instructions will be included and easy to follow. Sewing may be required, but only with included patterns.
See all skill levels

COMMENTS 12 | REVIEWS ★★★★½ 9

Customer Reviews

★★★★½ 4.6 out of 5

Based on 9 ratings:

5 star	6
4 star	2
3 star	1
2 star	0
1 star	0

Currently viewing all customer reviews.

1 of 1 found this helpful:

★★★★★ great amount, great price
about 3 years ago by getmoxie ✔ verified purchaser
SO glad theres finally an option to buy thread in larger quantities than tiny bobbins!

★★★☆☆ Works, but somewhat weak.
about 3 years ago by Member #646502 ✔ verified purchaser
It's a great quantity for working with classrooms and maker spaces, but its tensile strength is somewhat low. Even sewing something simple I managed to break it a couple of times. That's frustrating for me and young people.

> Single T replied on March 11, 2015:
> Sorry to hear that the thread would rip on you from time to time. It's a decent thread, but certainly different and slightly more fragile from your standard spool you might find at a craft store.

★★★★★ Works as expected
about 3 years ago by Member #678877 ✔ verified purchaser
I have no basis for comparison as this is the first time I have done anything with eTextiles. It works as I'd expect. It can snap if pulled too hard which is mostly not a problem as only the students who sew very messy get tangles. I do find that it is helpful to run the end over some beeswax and then snip the end to thread it through the smallest needle eye. You could just use a thicker needle but for the project we are doing, we need small needles. The students are loving the project and are not complaining about the thread so I'd say it is great. It would be nice to be able to run it through a sewing machine if I were doing a big project but for simple projects, it is great and I am quite happy with it.

★★★★☆ Conducts!
about 3 years ago by Member #702235 ✔ verified purchaser
Definitely does what it says it does. Thanks! :)

★★★★★ Good
about 2 years ago by Member #653964 ✔ verified purchaser
nice to wereables

★★★★☆ Students having trouble threading needle
about 2 years ago by Member #741812 ✔ verified purchaser
Our Family and Consumer Sciences teacher says: The conductive thread is fine. I like it. The problem is having middle school students thread it into needles and sew through the sewing holes of the battery holder. I am using the Coin Cell Battery Holder (20 mm sewable) DEV-08822 ROHS.

I have discovered size 7 embroidery needles have the largest eyes yet are small enough to fit in the sewing holes of the battery holder. I would love to have larger needles to make it easier to thread but then they are too big to sew with.

Having 100 seventh and eighth graders thread needles was really tough. This time I am having 75 students do the project. So, I have purchased "easy threading needles - sizes 4-8" that have a slot in the top to just pull the thread down into the eye. They will fit in the battery holders. They are much more expensive needles. By next week my students will try them and I will know more about whether or not students can thread them and use them easily with the battery holder.

All needle threaders I have tried simply break when students use them.

Do you have a different kind of battery holder that would substitute for this one and help solve my problem? I am having a lot of fun making LED sewing projects with the students and need to expand my knowledge!

Miss Edith Rohrer, Edgewood Middle School, Warsaw, IN

> Single T replied on May 18, 2016:
> Hi, There's one other battery holder, though it is more expensive. Have a look at https://www.sparkfun.com/products/11285

★★★★★
about a year ago by Member #845221 ✔ verified purchaser
I don't know that it's the best thing, but it's up there! My first E-textile was a success the first time around.

★★★★★ Good conductive thread
about 3 years ago by Member #637926 ✔ verified purchaser
I purchased a roll for the maker club I run and it worked great the kids had a lot of fun making everything from light up bracelets to bow ties.

★★★★★ Great
about 8 months ago by Member #983628 ✔ verified purchaser
This thread is working well on my wearable art project. Highly recommend!

Downloaded from Arrow.com.