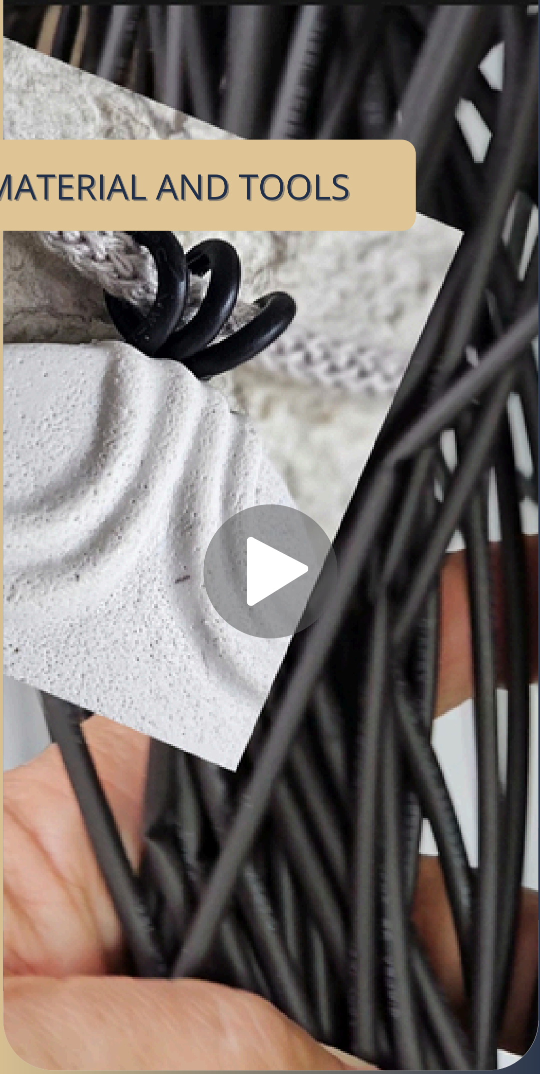
HANDMADE COMPONENTS

IVANA BROŽOVÁ

CHAPTERS

1

MATERIAL AND TOOLS



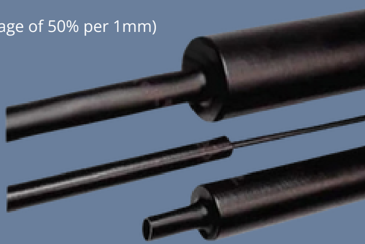
HEAT SHRINK TUBING IS A PLASTIC TUBE THAT SHRINKS WHEN HEATED (FOR EXAMPLE, WITH A HEAT GUN). IT IS MAINLY USED FOR INSULATION AND MECHANICAL PROTECTION OF ELECTRICAL WIRES, JOINTS, CONNECTORS, ETC. AFTER HEATING

THE TUBING SHRINKS TO A SMALLER DIAMETER AND TIGHTLY WRAPS AROUND THE PROTECTED OBJECT.

IN THE NEXT FEW VIDEOS, I WILL TEACH YOU HOW TO USE IT TO CREATE ORIGINAL COMPONENTS FOR YOUR POLYMER JEWELRY.

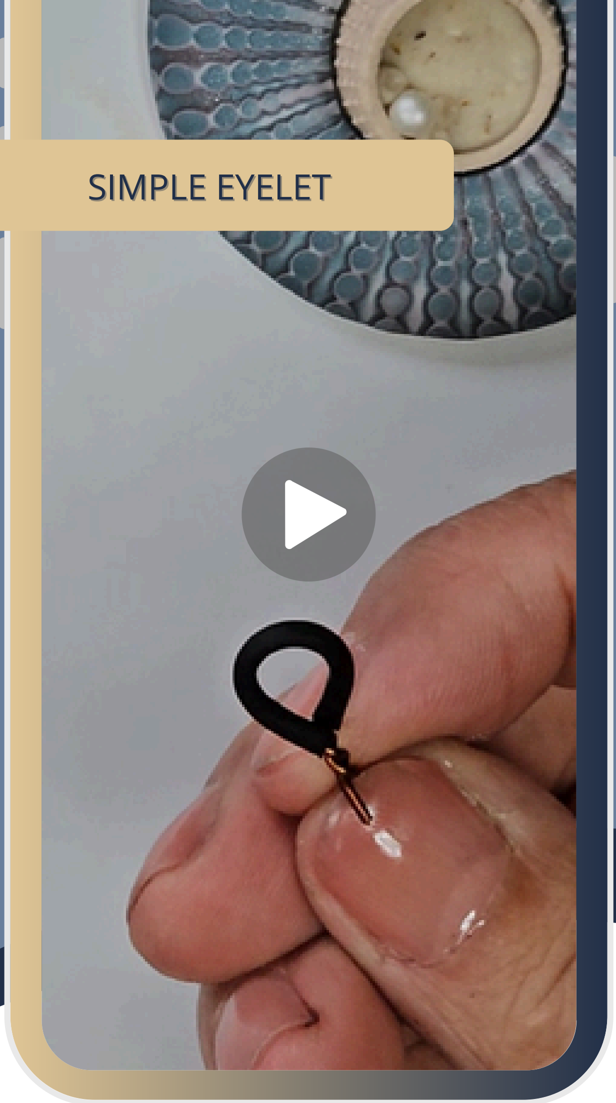
EVERYTHING YOU NEED

- HEAT SHRINKABLE ELECTRICAL TUBING Ø 2MM (shrinkage of 50% per 1mm)
- COPPER WIRE Ø 0.8MM
- WOODEN DOWEL Ø 50MM
- CUTTING PLIERS
- HEAT GUN OR OVEN
- AND OF COURSE YOUR HANDY HANDS



2

SIMPLE EYELET



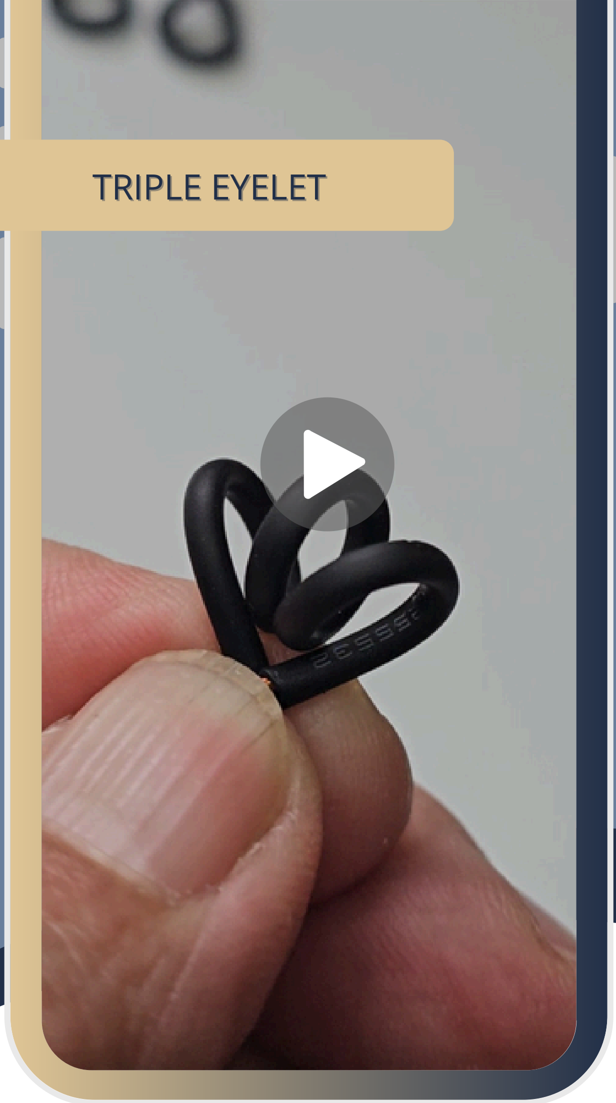
TO MAKE A SIMPLE EYELET FOR A HANGING POLYMER PENDANT, I USE 5.5 CM OF COPPER WIRE WITH A DIAMETER OF 0.8 MM AND 2.5 CM OF HEAT-SHRINKABLE TUBING.

KEEP IN MIND THAT THE TUBING WILL SHRINK SLIGHTLY IN LENGTH WHEN HEATED.

TUBING IS SOLD IN DIFFERENT DIAMETERS. I USE 2 MM, WHICH SHRINKS 50% TO 1 MM.
THE DIAMETER OF THE PIN AROUND WHICH I SHAPE THE EYELET IS 50MM

3

TRIPLE EYELET



TO MAKE A TRIPLE EYELET FOR A HANGING POLYMER PENDANT, I USE 8 CM OF COPPER WIRE WITH A DIAMETER OF 0.8 MM AND 12 CM OF HEAT-SHRINKABLE TUBING. KEEP IN MIND THAT THE TUBING WILL SHRINK SLIGHTLY IN LENGTH WHEN HEATED.

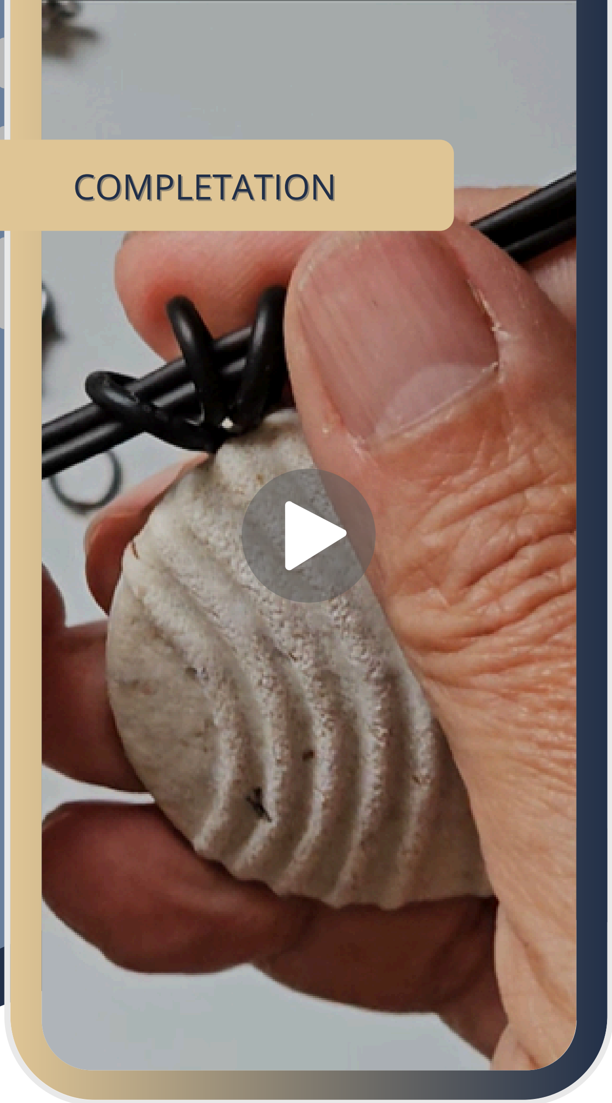
THE DIAMETER OF THE PIN AROUND WHICH I WRAP THE WIRE IS 0.5 CM

4

INCORPORATION INTO A PENDANT

IN THIS VIDEO YOU WILL SEE HOW TO INCORPORATE A MADE HANGING EYELET INTO A POLYMER PENDANT.

5 COMPLETATION

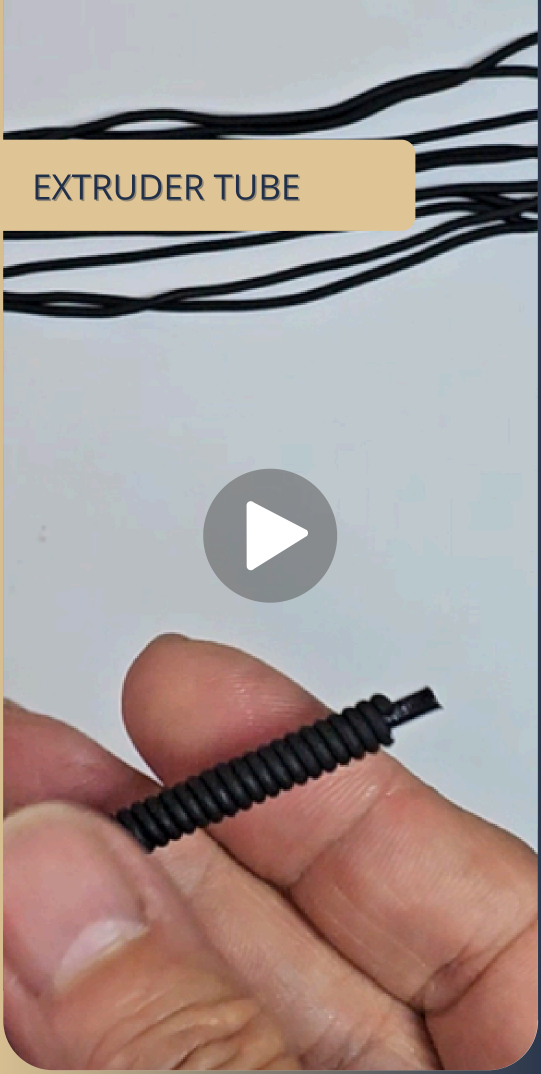


FOR HANGING THE PENDANT AROUND YOUR NECK, USE 3 PIECES OF PRE-SHRINK TUBING (42 CM LONG).
BRING THE ENDS TOGETHER AND HEAT THEM AGAIN. PRESS THE HEATED ENDS SO THAT THEY STICK.

TO ATTACHED THE END CAP USE GEL SUPERGLUE.

6

EXTRUDER TUBE



I I WILL SHOW YOU HOW TO MAKE A TUBING DIRECTLY FROM POLYMER CLAY. I USED PREMO POLYMER CLAY FOR THE CREATION.

YOU CAN SEE EXACTLY HOW TO USE A PRECIAL EXTRUDER ADAPTER ON THE MAKIN'S YOUTUBE CHANNEL.
HTTPS://WWW.YOUTUBE.COM/WATCH?V=6BKBB7FROF4

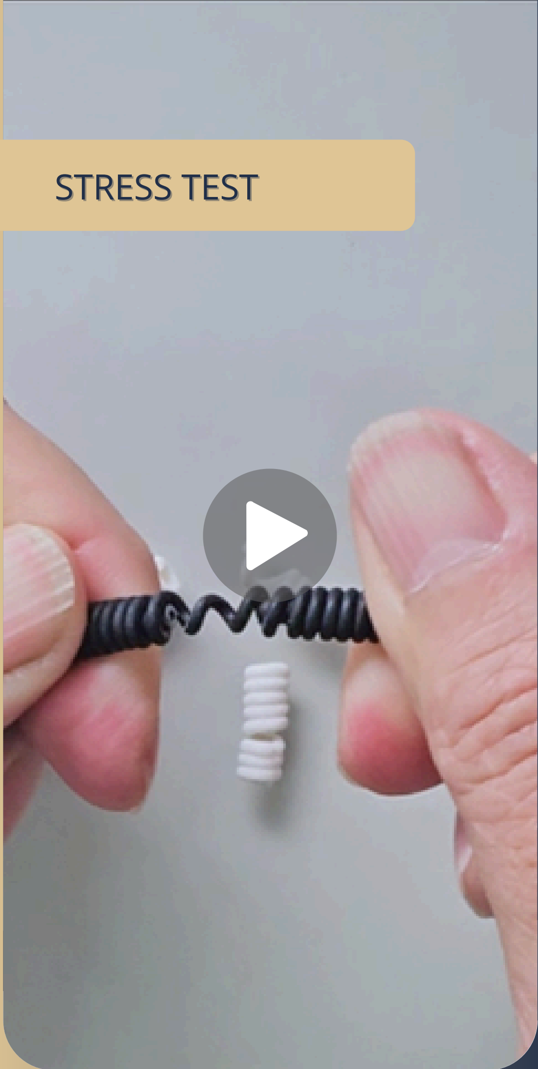
IN THE NEXT EPISODE, I WILL SHOW YOU HOW THESE COMPONENTS CAN BE USED IN YOUR WORK.

CAN YOU MAKE THIS WITH HEAT-SHRINK TUBING? YES, YOU CAN!

IN THE NEXT CHAPTER YOU WILL SEE A STRESS TEST OF THESE COMPONENTS.

1

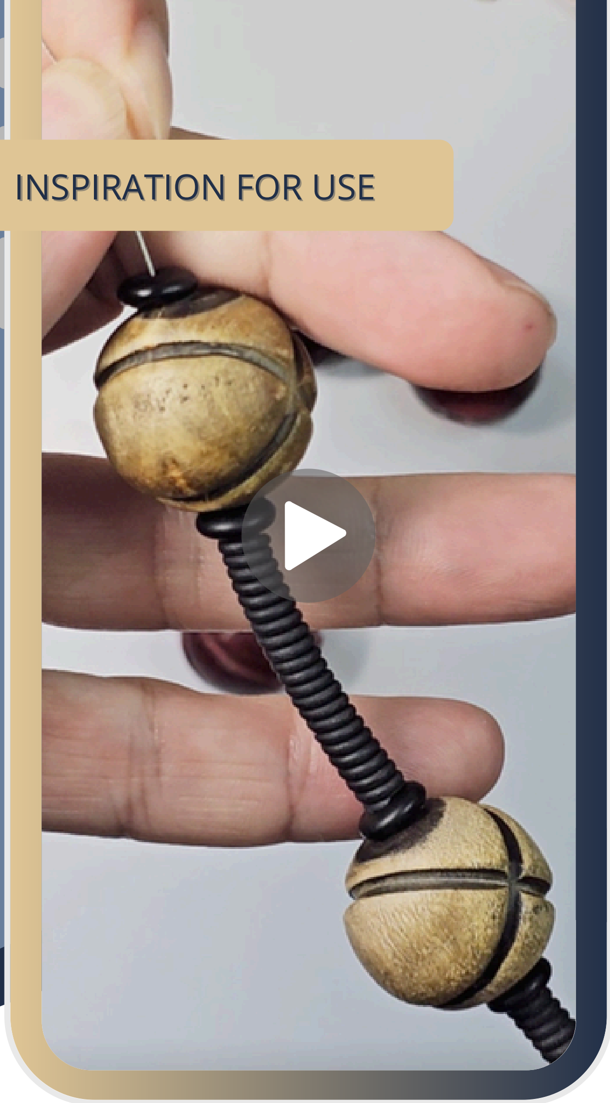
STRESS TEST



I TESTED TWO PIECES OF THE COMPONENT. THE WHITE MATERIAL IS CERNIT, WITH (BLACK) HEAT-SHRINK TUBING INSIDE. THE BLACK COMPONENT IS ALL POLYMER. INSIDE IS POLYMER TUBING FROM AN EXTRUDER. BOTH THE INSIDE AND OUTSIDE ARE PREMO CLAY.

THE ALL-POLYMER TUBING IS STRONGER, BUT IT SEEMS THAT BOTH VARIANTS CAN BE USED FOR JEWELRY ASSEMBLY.
DURING TESTING I HAD TO APPLY QUITE A LOT OF FORCE TO DAMAGE THE PIECE.
AND IT SEEMS THAT EVEN THE SPIRAL FROM THE DAMAGED BEAD CAN BE QUITE HANDY WHEN ASSEMBLING JEWELRY.

8 INSPIRATION FOR USE



THAT ARE THREE IDEAS FOR USING YOUR HANDMADE TUBE.

YOU ONLY HAVE THE LAST PAGE OF MY E-BOOK LEFT. I HOPE YOU FIND MY VIDEOS USEFUL AND DON'T FORGET TO CONTINUE FOLLOWING ME SO YOU DON'T MISS ANYTHING.

FOTO

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