


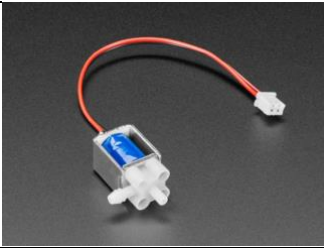






EENG6000 Soft robotic gripper components used

Name	Detail	URL
L298N Motor drive module		https://hobbycomponents.com/motor-drivers/986-l298n-dual-h-bridge-driver-module
LTC1871 Step up transformer		https://hobbycomponents.com/power/845-ltc1871-dc-dc-step-up-boost-4-35v-converter
Arduino Mega Clone		https://hobbycomponents.com/development-boards/557-hobby-components-arduino-compatible-r3-mega
Solenoid valve		https://thepihut.com/products/6v-air-valve-with-2-pin-jst-ph-connector
6 AA Cell ABS Plastic battery holder		https://hobbycomponents.com/power/434-6-aa-cell-abs-plastic-battery-holder-box
Silicon tube (2.4mm I.D. 4mm O.D. Length 1mm or more)		https://www.ebay.co.uk/itm/255169437014?ssPageName=STRK%3AMEBIDX%3AIT&var=555160824432&trksid=p2060353.m2749.l2649

12V DC micropump		https://www.amazon.co.uk/B-ooster-Accessory-Negative-Pressure-Suction/dp/B0867P5LNX/ref=sr_1_10?crid=2F8PAJ4RRI6CI&keywords=micro+air+pump+dc+12v&qid=1635959966&qsid=261-2664705-0013908&spreffix=micro+air+pump+dc+12v%2Caps%2C44&sr=8-10&sres=B08X4CVSV3%2CB07DVBQJCR%2CB06XKGG9M%2CB087TCZHKM%2CB07TTSXNJZ%2CB0867P5LNX%2CB08MWL7JF8%2CB09KV6G628%2CB0786L1C3R%2CB087CGTLF5%2CB07F77SRXK%2CB08371PGQV%2CB08CN49CQX%2CB094FCQG6B%2CB07X5YD4XS%2CB08BJWLKBW%2CB08DVB8ZXG%2CB0716V496V%2CB082SFTVCJ%2CB08DL2RYM5
Silicon rubber		https://www.amazon.co.uk/Silicone-Translucent-Platinum-Casting-Molds-1/dp/B097RYJTYP/ref=sr_1_9?crid=1Z4R2O4ZTIIYI&keywords=silicon+rubber+kit&qid=1645786494&spreffix=silicon+rubber+kit%2Caps%2C54&sr=8-9
Battery 1.5 Zinc		Poundland
2.5cL Plastic Shot cup	2.5cL volume of mixed silicon rubber compound is enough to mould gripper frame –for longer finger ver.	Poundland