

RUBBER + LIQUID METAL MICRODROPLETS =

“THUBBER”

A NEW MATERIAL FOR STRETCHABLE ELECTRONICS

IT IS



**ELECTRICALLY
INSULATING**
LIKE RUBBER



SOFT AND ELASTIC
LIKE BIOLOGICAL TISSUE



**THERMALLY
CONDUCTIVE**
LIKE METAL

WHAT CAN WE USE IT FOR?

**ARTIFICIAL MUSCLE FOR
SOFT ROBOTICS**

**HEATED GARMENTS FOR
INJURY TREATMENT**

**COMPUTERS EMBEDDED
INTO CLOTHING**

**LIGHTED
ATHLETIC WEAR**

**COMPUTER
PROCESSORS
AND LED LIGHTS
THAT DON'T OVERHEAT**

**OUTERWEAR
FOR EXTREME
ENVIRONMENTS**

**NON-INVASIVE
HEALTH
MONITORING**

**FLEXIBLE,
RECONFIGURABLE
ELECTRONICS**