

# Silicone Finger Test Probes

Test Method Reference: ASTM F1578 and F1597

## OVERVIEW

These finger probes can be used as a repeatable probe for cycle testing switches, buttons and membrane switches and touch screens. The silicone finger probe design meets the specifications as set forth in the ASTM F1578 and ASTM 1597 (figure 1 or figure 2). The conductive option works great for capacitive touch screens.

Life cycle testing requires a repeatable method and device for consistent testing and these probes should be part of the device. These can be used on Norman Tool button and contact testers as well as adaptable for other brands of testers.

## FEATURES

- Consistent Durometer
- Durable for Life Cycle Testing
- Available in various threaded mounting sizes
- Conductive Option is available

## SPECIFICATIONS

- **Dimensions:** Within ASTM specifications F1578 & F1597
- **Durometer:** Shore A 45 +/- 5 (50 +/-5 for conductive probes)

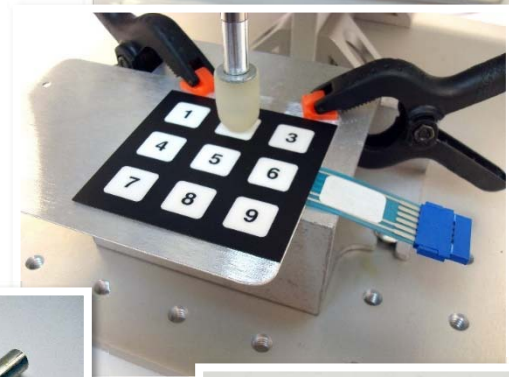
## ORDER INFORMATION

- **FP1-0832** #8-32 Male Thread (ASTM Fig1)
- **FP1C-0832** #8-32 Male Thread Conductive Black (ASTM Fig 1)
- **FP1-1032** #10-32 Male Thread (ASTM Fig1)
- **FP2-0540** #5-40 Female Thread (ASTM Fig 2)
- **FP2-0832** #8-32 Female Thread (ASTM Fig 2)
- **FP2-1032** #10-32 Female Thread (ASTM Fig 2)
- **FPA-M408** Thread adaptor M4x0.7 male x #8-32 female
- **FPA-M508** Thread adaptor M5x0.8 male x #8-32 female



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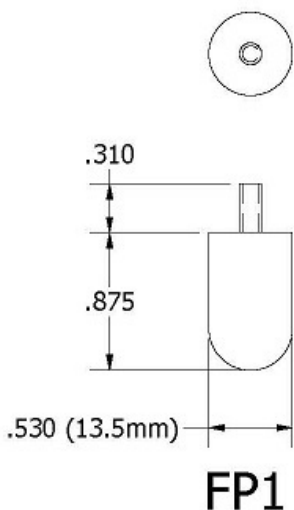


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All probes listed satisfy  
ASTM F1578 & F1597  
Figure 1 or 2 as listed

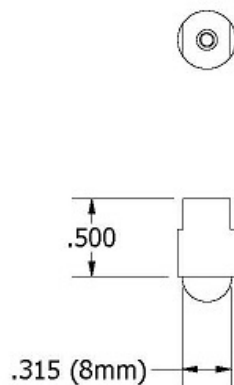
### Finger Probe Dimensions



**FP1**

SILICONE  
 45+/-5 DUROMETER (SHORE A) WHITE  
 50+/-5 DUROMETER FOR CONDUCTIVE PROBES, BLACK  
 AS TESTED BY ASTM METHOD D2240

ASTM DIAMTER SPECIFICATION RANGE  
 .5 in (12.7 mm) to .875 in (22.2 mm)

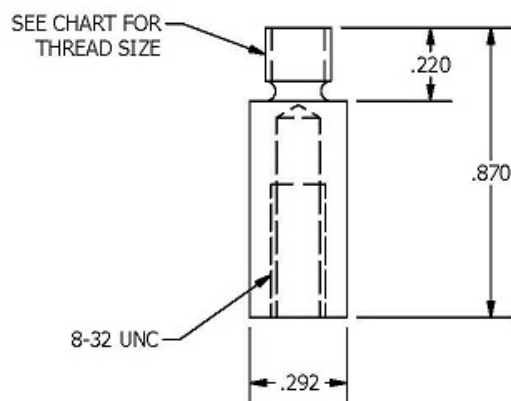


**FP2**

SILICONE  
 45+/-5 DUROMETER (SHORE A) WHITE  
 50+/-5 DUROMETER FOR CONDUCTIVE PROBES, BLACK  
 AS TESTED BY ASTM METHOD D2240

ASTM DIAMTER SPECIFICATION RANGE  
 .31 in (8 mm) to .39 in (10 mm)

### Adaptor Dimensions



Finger Probe Mounting Adaptors		
Part #	Male Thread Size	Description
FPA-M408	M4 x 0.7	M4 male x #8-32 female (for 35N actuator)
FPA-M508	M5 x 0.8	M5 male x #8-32 female (for 9.2N actuator)