



# AFS40 Silicone

## URETHANE CASTING MATERIAL SPECIFICATIONS

### Highlights

- Platinum based silicone

### Applications

- Flexible buttons
- Keypads
- Gaskets
- Applications where water resistance or water proofing are required

### TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
<b>Color/Appearance</b>	Visual	Colorless / Translucent	Colorless / Translucent
<b>Elongation</b>	ASTM D412	350%	350%
<b>Shore A Hardness</b>	ASTM D2240	40 A +/-5	40 A +/-5
<b>Tear Strength</b>	ASTM D624	125 pli	21.9 N/mm
<b>Tensile Strength</b>	ASTM D412	850 psi	5.86 MPa
<b>Density</b>	-	0.38 lb/in <sup>3</sup>	1.05 g/cc

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice.

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