



## Freeman 2040AR Polyurethane Elastomer

### Description

The Freeman 2040AR is a flexible polyurethane elastomer that exhibits excellent performance properties. It offers a 1:1 mix ratio, low viscosity, and intermediate gel time, making it a very user-friendly system. Additionally, good abrasion resistance, resistance to the inhibition of platinum cured silicones, and the ability to easily accept color tints makes the 2040AR a good fit for a wide range of applications. The Freeman 2040AR is castable up to 4" thick.

### Physical Properties

Color	White
Mix Ratio (by weight)	1:1
Mix Ratio (by volume)	1:1
Mixed Viscosity (cps)	770
Gel Time (minutes @ 77°F)	20-30
Demold Time (hours @ 77°F)	4-6*
Density	1.04
Volumetric Yield (in <sup>3</sup> /lb.)	26.6
Hardness (Shore A)	50
Tensile strength, psi	610
Elongation (%)	500
Tear Strength (pli)	115
Shrinkage (in/in)	.002
Taber Abrasion (ASTM D4060) 5,000 cycles (mg loss)	10

*\*Mass dependent*

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT