



Prime Tuff-X ST offers the same great benefits as our standard Tuff-X product but with a soft touch feel and look. It has a high friction coefficient and a 5% gloss reading after forming. It has good scratch and mar, is UV stable and colorable. Unlike other soft touch products, 40% regrind use maintains critical properties.



## PRIME TUFF-X ST

Prime Tuff-X ST	Very High	High
Impact Strength	*	
Low Temperature Impact Strength	*	
Tensile Strength		*
Flexural Modulus		*
Heat Deflection Temperature		*

### Applications:

Prime Tuff-X ST is well suited for applications such as; Instrument panels and decorative trim for RV, ATV, Marine and Heavy Trucks.

### Finishing:

The same methods for cutting, bonding and fabrication can be used on Prime Tuff-X ST as is used for our other Tuff-X products.

Property	Test Method	Value	Unit
Specific Gravity	D 1238	1.107	
Melt Flow	D1238	.74	g/10 min
Tensile @ Yield	D638	2400	psi
Tensile @ Break	D638	2100	psi
Elongation @ Break	D639	410	%
Flexural Modulus	D790	185,000	psi
Notched Izod @ 73°F	D256	No Break	ft-lb/in
CLTE	D696	1.85x10 <sup>-5</sup>	in/in/°F

### Processing:

Prime Tuff-X ST has better hot strength than our standard Tuff-X, therefore, high sag and webbing during the forming process is not as great. It is still best to form this product on an aluminum tool that is grit blasted. It can be formed on male or female tooling. The forming temperature should be 320-360°F, tool temp. of 170-190°F.

### Colors, Textures and Capabilities:

Tuff-X ST, allows for the substrate as well as the cap to be color matched to anything specified. There are certain carriers that we use to assure that the properties of the two products are not compromised.

Tuff-X ST is offered in several different textures that include, H/C, FL/HC, Calf Grain, Diamond Plate and Levant II. We offer a gauge range of .090 to .400 and widths up to 120".

Please contact your Primex Plastics representative for more information on finishing, fabricating, or the thermoforming process.

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*Large enough to handle YOUR requirements,  
small enough to handle YOUR needs.*

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