



# TICO Pipe Grips

## DESCRIPTION

TICO Pipe Grips are U-Bolts encased in a moulded sleeve of TICO FR material designed for simple and efficient clamping of thin wall pipes, and having a TICO FR/PA isolation strip.

TICO FR and FR/PA materials consists of a blend of synthetic polymers and specialised compounding ingredients specifically developed to operate in the aggressive environments in the offshore and petrochemical industries.

In the event of a fire, the material has low surface spread of flame, low smoke and low toxicity. It is also self-extinguished when the source of flame is removed. It offers good resistance to a wide range of fluids as well as ozone and UV.

FR has a service temperature range of -50°C to +120°C with intermittent use up to 150°C. While the VHT ranges from -60°C to +300°C. Please refer to TICO Pipe Support Solutions for more detailed information.

## TYPICAL PROPERTIES

	TICO FR Sleeve	Method
<b>Hardness</b>	60° +/- 5°	ISO 48
<b>Density</b>	1.50 g/cm <sup>3</sup>	ISO 2781
<b>Tensile Strength, kg/cm<sup>2</sup></b>	37.0	ISO 37
<b>Elongation at Break</b>	500 %	ISO 37
<b>Fire Test</b> Burn length After burn (secs)	120mm Nil	<u>Vertical burn</u> CAA No 8 Tiflex Indicative 180 secs
<b>Smoke index</b>	15.94	NES711
<b>Toxicity index</b>	2.5	NES713
<b>Flammability by temperature</b>	227°C	NES715

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## TYPICAL PROPERTIES CONTINUED

	<b>TICO FR/PA</b>	<b>Method</b>
<b>Hardness</b>	68°	ISO 48
<b>Density</b>	1.38 g/cm <sup>3</sup>	ISO 2781
<b>Tensile Strength, Kg/cm<sup>2</sup></b>	11.0	ISO 37
<b>Elongation at Break</b>	120 %	ISO 37

	<b>TICO VHT</b>	<b>Method</b>
<b>Hardness</b>	60 ± -10° IRHD	ISO 48
<b>Density</b>	1.15 g/cm <sup>3</sup>	ISO 2781
<b>Tensile Strength</b>	4.0 Mpa minimum	ISO 37
<b>Elongation at Break</b>	300% minimum	ISO 37
<b>Temperature Range</b>	-60°C to +300°C	

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