



International Silicone Technologies, Inc.
11019 Greenstone Ave. Santa Fe Springs, CA 90670
ph (562) 946-2405 fax (562) 946-2409
www.inter-sil.com

IST154LT 50 Shore Black Low Temperature

IST154LT is a 50 durometer vulcanized silicone designed to provide an excellent balance of physicals, over a wide range of temperatures. It is most commonly used where material will be exposed to extreme low temperatures. It has a temperature range resistance of -135°F to +450°F. It is excellent gasketing material, UV/Ozone Resistant, non-toxic and high to low temperature resistant.

It is available in 0.010” up to 0.500” thick and up to 60” wide and many other colors. We can supply calendered cured rolls or cut sheets.

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Value
<i>Specific Gravity</i>	ASTM D-792	1.45
<i>Durometer Shore-A</i>	ASTM D-2240	50+/-5
<i>Tensile Strength</i>	ASTM D-412	800
<i>Elongation</i>	ASTM D-412	500
<i>Tear Resistance</i>	ASTM D-624	135
<i>Temperature Range</i>	(°F)	-135° to 450°F

DESIGNED TO MEET SPECIFICATION:

- ❖ AA-59588-CL1AB-GR50
- ❖ ZZR-765-CL1AB-GR50

Data noted above is based on laboratory test and should be used as reference only. More information is available upon request. Tests, claims representations and descriptions regarding flammability are based on standard laboratory tests and, as such, may not be reliable for determining, evaluation, predicting or describing the flammability of burning characteristics under actual fire conditions, whether used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.