



Low Temperature Materials

Eliminate Costly Down Time in Below Freezing Temperatures

Typically, when selecting a material for an application, there are many factors to consider including chemical resistance, physical properties, cost, temperature, run time and more. If an application faces below freezing temperatures, it is often best to consider which materials will meet its temperature needs before considering other factors. If an improper material is selected for below freezing temperatures it can cause a seal to leak and/or crack, which can result in costly downtime.

Materials	Low Temp. Range
Highly Saturated Nitrile (HSN, HNBR)	-40°C / -40°F
Low Temp. Nitrile (LTN)	-54°C / -65°F
Viton® GLT (LTV)	-40°C / -40°F
PTFE	-200°C / -328°F

Hi-Tech Seals offers a wide range of low temperature materials, including Highly Saturated Nitrile, Low Temp. Nitrile, Viton® GLT, PTFE and select perfluoroelastomers. Our experienced technical sales and engineering departments can assist with determining which material is ideal for an applications low temperature sealing needs.

To learn more about low temp. materials, contact a Hi-Tech Seals' representative.

