



Hydrogenated Nitrile

Carboxylated Nitrile, A Thing of the Past

Hydrogenated Nitrile (HNBR) is commonly used as a rubber sealing material for the oil and gas industry. HNBR has great extrusion properties, superior chemical resistance in aggressive environments and similar or improved wear properties over CBX. Due to these characteristics, HNBR has increasingly become the favoured material over CBX. HNBR also provides superior high and low temperature ranges when compared with CBX.

Materials	Temp. Range
Hydrogenated Nitrile (HNBR)	-40°C/-40°F to 160°C/320°F
Carboxylated Nitrile (CBX)	-20°C/-4°F to 135°C/275°F

Hi-Tech Seals carries two new high modulus and internally lubricated HNBR compounds, H9MG and H9MY. Both compounds are specifically designed for use in oilfield downhole applications. Internal lubricants offer improved wear and dynamic properties. H9MG and H9MY compounds are 90 durometer and are designed for use in the most aggressive environments.

For more information on H9MG and H9MY compounds contact a Hi-Tech Seals representative or visit us online at: www.hitechseals.com.