

Hydrogenated Nitrile Rubber (HNBR) is a material produced by the complete or partial hydrogenation of the butadiene components of normal NBR polymerisates. Accordingly HNBR offers media resistance comparable to that of NBR, but is more stable when exposed to heat and oxidation. It also demonstrates a high degree of mechanical durability and improved wear resistance. HNBR possesses superior heat, ozone, chemical resistance and mechanical characteristics over standard Nitrile.

General Information

Service Temperature -45°C to 150°C

Hardness Range 40 ~ 90 Shore A

Colour Black, Green

Typical Uses

Food & Beverages, Automotive Air Conditioning, Oil Drilling Equipments, Dairies & Milk Processing

Performance Parameters:

	Excellent	Good	Fair	Poor
STEAM		●		
SUNLIGHT		●		
WEATHERING / OZONE		●		
COMPRESSION SET		●		
ABRASION RESISTENCE		●		
FLAME RESISTENCE				●
GAS PERMEATION		●		
CHEMICALS / SOLVENTS			●	
PETROLEUM OILS	●			
FUELS / GASOLINE		●		
BRAKE FLUIDS			●	
TRANSMISSION FLUIDS			●	
STEERING FLUIDS				●
REFREGERANTS		●		