

Polyacrylate (ACM) elastomers are based on ethyl or butyl acrylate, or a combination of two monomers with other co-monomers. They have excellent heat and oil resistance and low temperature flexibility. Polyacrylate rubbers are superior to Nitrile rubbers in resistance to deterioration by high-aniline point oils, extreme pressure lubricants and transmission fluids. Their resistance to ozone, sunlight and weathering conditions is outstanding. Post-curing is necessary to develop maximum physical properties. In addition, Polyacrylates exhibit good damping characteristics, are not highly corrosive to steel, and can be compounded to provide excellent flex life and some degree of flame resistance.

General Information

Service Temperature -25°C to 180°C

Hardness Range 40 ~ 80 Shore A

Colour Black

Typical Uses

Automotive Transmission & Steering Seals, O-Rings, Automobile Gaskets

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				●