

APPROVED APPLICATIONS

Engineering Specifications



"Apollo" Piping Systems

Types of Service	System Operating Conditions Comments	Pressure	Temperature	EPDM O-Ring
Fluids and Water				
Hot & Cold Potable Water		300PSI	32°F-250°F	Yes
Rainwater Gray Water		300PSI	32°F-250°F	Yes
Chilled Water	Ethylene Propylene Glycol	300PSI	32°F-250°F	Yes
Hydronic Heating	Ethylene Propylene Glycol	300PSI	32°F-250°F	Yes
Cooling Water	40-90% Ethylene Glycol or Propylene Glycol Solution	200PSI	32°F-250°F	Yes
Low-Pressure Steam		Up to 15PSI	248°F	Yes
Fuel, Oil & Lubricant				
Ethanol	Pure Grain Alcohol	200PSI	32°F-250°F	Yes
Gases				
Compressed Air	Less than .025 PPB	200PSI	32°F-250°F	Yes
Oxygen O ² (Non-Med)		140PSI	up to 140°F	Yes
Nitrogen - N ²		200PSI	32°F-250°F	Yes
Carbon Dioxide - CO ²		200PSI	32°F-250°F	Yes
Argon		200PSI	Ambient	Yes
Hydrogen - H ²		125PSI	0°F-250°F	Yes
Vacuum		29.2 in Hg	Call	Yes
Please contact Apollo Flow Controls product engineering for evaluation and approval of other chemicals that are compatible with EPDM O-Ring				

"Apollo" PRESS Sealing Element

Apollo Press EPDM (Black) Sealing Element

Operating Pressure: 300psi

Operating Temperature: 32°F to 250°F

This sealing element is ideal for commercial and residential applications. Typical applications include hot and cold potable water, hydronic heating, chilled water, compressed air, low pressure steam, and gray water. EPDM, or ethylene-propylene-diene monomer, is shiny black in color. The EPDM sealing element is a synthetically manufactured and peroxidically cross-linked general purpose elastomer with a wide range of applications.

The EPDM sealing element possesses excellent resistance to aging, ozone, sunlight, weathering, environmental influences, alkalis and most alkaline solutions and chemicals used in a broad range of applications.