



BURGMANN®

Introducing Ansitex...

Cartridge bellows seals engineered for incomparable performance, built for unequalled dependability

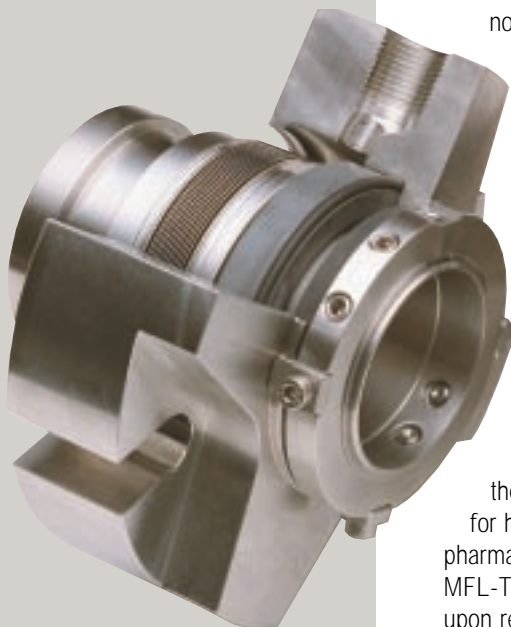
You won't find a better value in cartridge seals than Ansitex. BURGMANN Ansitex cartridge seals are engineered with a common gland and sleeve platform to meet a wide variety of applications on ANSI rotating equipment. These seals feature interchangeability of components to create single seals with or without quench in either elastomer or metal bellows configurations while reducing inventory requirements.

Unique Ansitex glands contain greater radial clearance around the seal for better heat dissipation and greater circulation of product for longer life. In addition, these seals are designed to fit closer to the pump bearing frame for minimum runout at the seal faces. All Ansitex seals include flush connections with optional vent and drain connections.



MG9 elastomer bellows design for general services

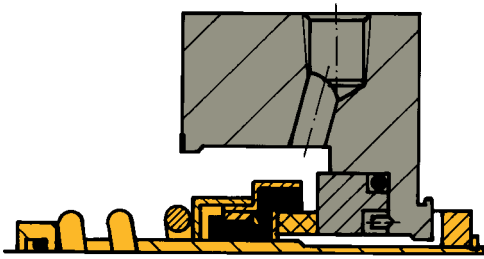
The economical MG9 is an elastomer bellows seal for applications in the medium pressure and temperature range. Bellows and spring are free of torsional strain. Because bellows seals have no dynamic O-rings, there is no potential for hang-up. Ideal for use in cold water, hot water, oil/hot oil, beverage, and light chemical applications. Standard MG9 seal is furnished without bushing. Seal with optional bushing (AST-MG9) is available upon request.



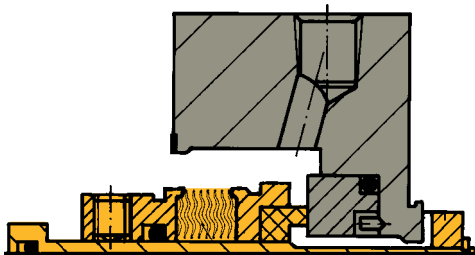
MFL metal bellows designs for higher temperatures, viscosities and solid contents

The MFL seal features a metal bellows design and is ideal for applications involving high temperatures and high viscosity media. The self cleaning effect and the design without a dynamic O-ring allows operations with a high solids content. And because there is no dynamic O-ring, the MFL seal eliminates the potential for hang-up. Engineered for chemical processing, petrochemical, pharmaceutical, high/low temperature and highly viscous applications. MFL-T seal features a standard bushing (available without bushing upon request).

MG9 elastomer bellows



MFL-T metal bellows seals



■ Rotating ■ Stationary

Operating Limits

Ansitex-MG9

Shaft diameter:	1.000" to 4.000", Other sizes on request.	
Maximum pressure:	116 (174) psi	8 (12) bar*
Temperature range:	-4°F to +194 (284)°F	-20°C to +90 (140)°C*
Speeds:	33 ft/s	10 m/s†

Ansitex-MFL

Shaft diameter:	1.000" to 4.000", Other sizes on request.	
Maximum pressure:	290 (362) psi*	20 (25) bar*
Temperature range:	-40°F to +428°F*	-40°C to +220°C*
Speeds:	66 ft/s†	20 m/s†

* Lower rating is for silicon carbide/silicon carbide; higher rating is for carbon/silicon carbide.

† Depending on media, size and seal materials.



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Ansitex seal family overview

Version		Designation	
Bore Size	Bushing	Ansitex-MG9	Ansitex-MFL
Standard	No	Ansitex-ASP-MG9 ¹	Ansitex-ASP-MFL ¹
Standard	Yes	Ansitex-AST-MG9 ²	Ansitex-AST-MFL ²
Big Bore	No	Ansitex-ABP-MG9 ³	Ansitex-ABP-MFL ³
Big Bore	Yes	Ansitex-ABT-MG9 ⁴	Ansitex-ABT-MFL ⁴

¹ Connection for flush, standard gland

² With connection for flush, vent and drain (quench), standard gland

³ With connection for flush, big bore gland

⁴ With connection for flush, vent and drain (quench), big bore gland

Ansitex seal high-performance materials

		Standard	Non-Standard
Gland and sleeve	316 SS Alloy 20 Hastelloy® C4	■	■ ■
Ansitex-MG9		Standard	Non-Standard
Seal face	Carbon graphite/resin impregnated Carbon graphite/antimony impregnated Silicon carbide	■ ■	■
Seat	Silicon carbide	■	
Spring	316 SS	■	
Gland, sleeve and metal parts	316 SS	■	
Bellows and O-rings	Viton® EPDM NBR	■	■ ■
Ansitex-MFL		Standard	Non-Standard
Seal face	Antimony impregnated carbon Resin impregnated carbon Silicon carbide	■	■ ■
Seat G305	Silicon carbide	■	
Gland, sleeve and metal parts	316 SS	■	
Bellows	Inconel® Hastelloy® C	■	■
O-rings	Viton® EPDM Perfluorocarbon rubber NBR Perfluorocarbon/PTFE	■	■ ■ ■ ■

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 Hastelloy® is a registered trademark of Haynes International, Inc.
 Inconel® is a trademark of Inco Limited.