

CATALOG —

PNEUMATIC SEAL

The pneumatic seal ensures a reliable and airtight connection, harnessing the power of compressed air to maintain seamless and efficient operation in various industrial applications.

About Us

Product Portfolio

Leveraging our expertise in natural and synthetic elastomer compounds, we offer a comprehensive range of high-quality rubber products including gaskets, seals, O-rings, hoses, and more, tailored to diverse industry requirements.

Quality Check

Our skilled engineers oversee the entire rubber product development process, from ideation and material analysis to design, compounding, prototyping, manufacturing, and quality testing. With attention to detail at every stage, we ensure excellence and deliver high-quality products.

At American Rubber Corp, we go above and beyond to provide exceptional customer service and meet the unique needs of our clients.

As a full-service custom manufacturer of rubber products, we have established a strong reputation for delivering superior quality and customized solutions. With over two decades of experience in the industry, we have perfected our processes to ensure customer satisfaction.

We understand the importance of prompt service, which is why we prioritize quick turnaround times without compromising on quality. Our skilled engineers meticulously monitor every step of the manufacturing process, ensuring that the specified quality standards are met and that the finished products adhere to precise dimensions and desired properties.

Introduction

The information provided in this catalog is the result of our extensive experience in the fluid power industry, particularly in the manufacturing and application of fluid sealing and bearing systems. It is based on in-house testing and a wealth of international experience across various industries since 1959.

However, it's important to note that unknown parameters and conditions during usage may limit the applicability of general statements.

We are dedicated to providing recommendations and sealing solutions tailored to your specific application. However, due to factors beyond our control, we cannot provide a warranty or guarantee. The proportions of our seal ranges have been carefully determined to ensure satisfactory performance under recommended operating conditions. The material used for each seal type is described in detail alongside the respective seal type.

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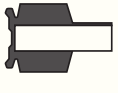
05. **PISTON SEALS**





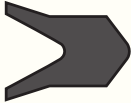



06. **ROD SEALS**




07. **SYMMETRICAL SEALS**





08. **WIPER SEALS**

09. **GUIDE RINGS**

Profile	Type	Name	Application	Pressure	Temp.	Speed
	P02	CUP SEAL	SINGLE ACTING	10 bar	-30°C TO +100°C	0.5 m/s
	P10	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P11	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P12	U SEAL	SINGLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	P13	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P16	U SEAL	SINGLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	P15	U SEAL	SINGLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	P14	U SEAL	DOUBLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	P26	AIRZET SEAL	DOUBLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P25	AIRZET SEAL	DOUBLE ACTING	10 bar	-30°C TO +100°C	1.0 m/s
	P24	GLYD RING	DOUBLE ACTING	16 bar	-30°C TO +100°C	0.5 m/s
	P27	HECKER SEAL	DOUBLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	P18	TDUO SEAL	DOUBLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P20	TDUO SEAL	DOUBLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	P21	TDUO SEAL	DOUBLE ACTING	10 bar	-30°C TO +100°C	1.0 m/s

Profile	Type	Name	Application	Pressure	Temp.	Speed
	S01	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	0.5 m/s
	S02	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	0.5 m/s
	S03	U SEAL	SINGLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	S06	U SEAL	DOUBLE ACTING	12 bar	-30°C TO +100°C	0.5 m/s
	S07	U SEAL	DOUBLE ACTING	16 bar	-30°C TO +100°C	0.5 m/s
	S08	COMPO-SITE SEAL	DOUBLE ACTING	25 bar	-30°C TO +100°C	5.0 m/s
	S09	CUSHION SEAL	DOUBLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s
	S10	CUSHION SEAL	DOUBLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s


Profile	Type	Name	Application	Pressure	Temp.	Speed
	E01	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	E02	U SEAL	SINGLE ACTING	12 bar	-30°C TO +100°C	1.0 m/s
	E05	U SEAL	SINGLE ACTING	16 bar	-30°C TO +100°C	1.0 m/s


Profile	Type	Name	Application	Pressure	Temp.	Speed
	W04	WIPER SEAL	ROD SEAL WITH WIPER	16 bar	-30°C TO +100°C	1.0 m/s
	W07	WIPER SEAL	ROD SEAL WITH WIPER	16 bar	-30°C TO +100°C	1.0 m/s
	W08	WIPER SEAL	ROD SEAL WITH WIPER	16 bar	-30°C TO +100°C	1.0 m/s
	W09	WIPER SEAL	ROD SEAL WITH WIPER	16 bar	-30°C TO +100°C	1.0 m/s

Type	Name	Application	Pressure	Temp.	Speed
PGI/ SGI	GUIDE RING	PISTON/ROD	-	-200°C TO +260°C	1.0 m/s
GS	GUIDE STRIP	PISTON/ROD	-	-200°C TO +260°C	1.0 m/s


THANK YOU

Please feel free to contact us using the details provided below. We look forward to assisting you further.

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