






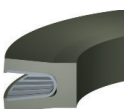
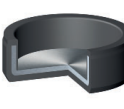









We supply seals. Worldwide! Promptly!

where distributors go – www.anyseals.com – shop.anyseals.com

Static Seals

						
O-Ring	X-Ring	Back up ring	Profile seal acc. DIN 3869	Hygienic seal	O-Ring cord	Bonded seal
						
Flange seal	Cover seal	Flat ring / Washer	D-Ring	Square ring	O-Ring Cord Service box	O-Ring Service box

Rotary Seals

					
Oil seal	V-Ring	Axial seal	Radial seal	Springs	Shaft Repair Sleeve

Hydraulic Seals

						
Piston seal	Rod seal	Rod and piston seal	Wiper	Guiding element	Piston seal	Rod seal

Pneumatic Seals

Circlips



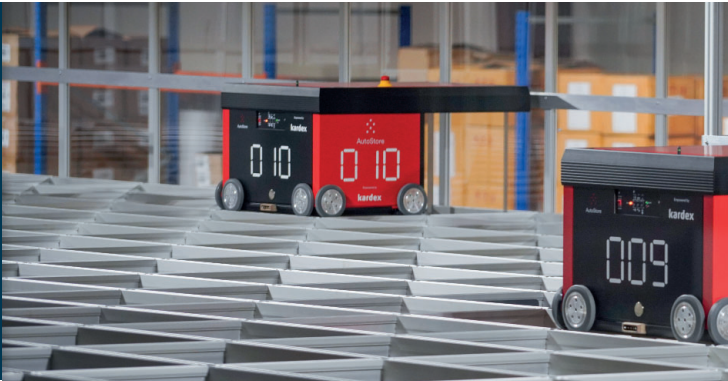
Circlip

Certificates

Materials with approvals

anyseals - where distributors go!

anyseals is your **trusted partner** for all and any product or question related to seals. Our service is based **exclusively** and consistently on the specific needs of the **technical trade**.
See for yourself!




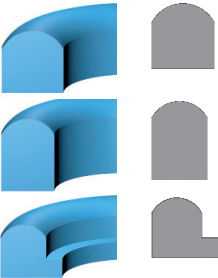

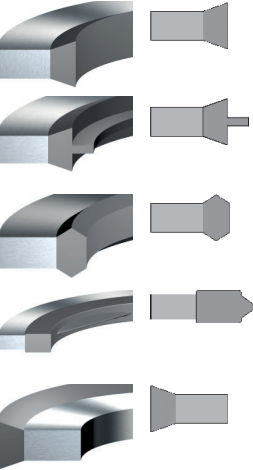
Static Seals

		Product	Type	Description	Materials (various Shore hardnesses)	Dimensions	Remarks
O-Ring							
		O-Ring	OR-10	standard moulded	NBR, FKM, EPDM, VMQ, HNBR, FFKM, FVMQ, FEPM, ACM, PTFE, TPU, CR, SBR, CSM, ECO, BR, IIR, IR, AU, EU, NR	ISO 3601-1 (DIN 3771-1), SMS 1586, JIS B 2401, AS 568, BS 1806, BS 4518, NF T47-501, R 0 to R 27, R 28 to R 88	
		O-Ring	OR-10	evolast® FFKM			
		O-Ring	OR-11	FEP encapsulated	FKM / FEP encapsulated VMQ/ FEP encapsulated		
		O-Ring	OR-12	PTFE encapsulated	PTFE Elastomer core		
		O-Ring made from O-Ring cord	OR-13	glued	NBR, FKM, EPDM, VMQ		
		O-Ring made from O-Ring cord	OR-14	vulcanised	NBR, FKM, EPDM, VMQ		
X-Ring							
		X-Ring	XR-10		NBR, FKM, . . .	AS 568	
Back up ring							
		Back up ring	BR-10	concave	NBR, FKM		
		Back up ring	BR-11	solid	PTFE, POM, PEEK, NBR, FKM, AU, (...)		
		Back up ring	BR-12	split	PTFE, POM, PEEK, NBR, FKM, AU, (...)		
		Back up ring	BR-13	spiral	PTFE		



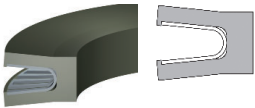
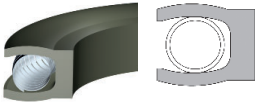
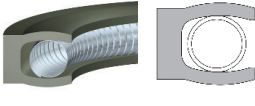
Our **anyseals** software has been especially adapted for trade with seals and ensures maximum transparency and depth of information for every product and order. Our **eShop** - with all its extras - is available for you at all times.

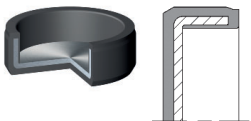
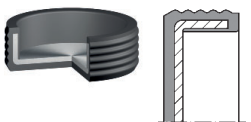
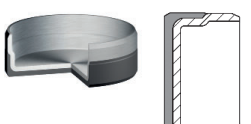
Static Seals

	Product	Type	Description	Materials (various Shore hardnesses)	Dimensions	Remarks
	Profile seal					
	Profile seal	WR-15		NBR, EPDM, FKM, (...)	acc. to DIN 3869	
	Hygienic seal					
	Hygienic seal	HS-10	standard design	NBR, EPDM, VMQ, FKM, HNBR, PTFE, (...)	DIN 11851	FDA 177.2600
	Hygienic seal	HS-11	high version	NBR, EPDM, VMQ, FKM, HNBR, PTFE, (...)		FDA 177.2600
	Hygienic seal	HS-12	with flange	NBR, EPDM, VMQ, FKM, HNBR, PTFE, (...)		FDA 177.2600
	O-Ring cord					
	O-Ring cord	EP-10	extruded	NBR, FKM, EPDM, VMQ, (...)		
	Bonded seal					
	Bonded seal	BS-10	standard design	NBR, FKM, (...)		
	Bonded seal	BS-11	self centring	NBR, FKM, (...)		
	Bonded seal	BS-14	self centring	NBR, FKM, (...)		
	Bonded seal	BS-15	self centring	NBR, FKM, (...)		
	Bonded seal	BS-13	outside sealing	NBR, FKM, (...)		



Static Seals

Product		Type	Description	Materials (various Shore hardnesses)	Dimensions	Remarks
Flange seal						
	Flange seal	FS-10	outside sealing	PTFE compounds V-spring stainless steel		
	Flange seal	FS-11	inside sealing	PTFE compounds V-spring stainless steel		
	Flange seal	FS-12	outside sealing	PTFE compounds helical spring stainless steel		
	Flange seal	FS-13	inside sealing	PTFE compounds helical spring stainless steel		

		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
					min	max	max	max	up to	
Cover seal										
	Cover seal	CS-10	NBR		-22	212		0.05	600	smooth rubber OD
			FKM		-4	392		0.05		
	Cover seal	CS-11	NBR		-22	212		0.05	600	ribbed rubber OD
			FKM		-4	392		0.05		
	Cover seal	CS-12	NBR		-22	212		0.05	600	metal + smooth rubber OD, ribbed rubber OD possible
			FKM		-4	392		0.05		

(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

Personal, competent advice

Direct contact with our customers is important for us. Which is why we have dedicated people at **anyseals** who are ready to talk to you personally – providing advice on products, helping you solve technical problems, or answering your questions about orders. We are looking forward to hear from you.



Static Seals






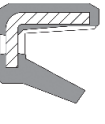



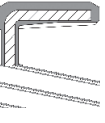


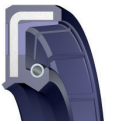





	Product	Type	Description	Materials (various Shore hardnesses)	Dimensions	Remarks
	Flat ring/Washer					
	Flat ring/Washer	WR-10	moulded	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	WR-11	tube cut	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	WR-12	stamped	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	WR-13	lathe cut	NBR, FKM, EPDM, VMQ, (...)		
	D-Ring					
	D-Ring	WR-14		NBR, FKM, EPDM, VMQ, (...)		
	Square Ring					
	Square Ring	SR-10		NBR, FKM, EPDM, VMQ, (...)		
 	Service Box					
	O-Ring	SK-22	(G) inch	NBR, FKM, EPDM, VMQ, (...)		
	Service Box	SK-23	(H) metric			

(...) On request available in other materials.
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Global Sourcing

Rotary Seals





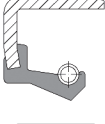



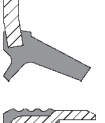

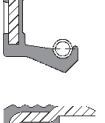
		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]		Remarks
					min	max	max	max	from	to	
Oil seal											
		Oil seal	OS-A10	NBR	-40	212	12	0.05	4	1000	standard design acc. to DIN 3760
				FKM VMQ, ACM, EPDM, HNBR, (...)	-13	392	35	0.05			
		Oil seal	OS-A11	NBR	-40	212	12	0.05	4	1000	standard design acc. to DIN 3760 with protective lip
				FKM VMQ, ACM, EPDM, HNBR, (...)	-13	392	35	0.05			
		Oil seal	OS-A12	NBR	-40	212	6	0	3		without spring
				FKM VMQ, ACM, EPDM, HNBR, (...)	-13	392	10	0			
		Oil seal	OS-A13	NBR	-40	212	6	0	4		without spring with protective lip
				FKM VMQ, ACM, EPDM, HNBR, (...)	-13	392	10	0			
		Oil seal	OS-F10	FKM	-13	392	35	0.05	4	1000	case fully covered (310-1000 mm airside fully covered only), spring 1.4301 standard design for FKM material
				NBR VMQ, ACM, EPDM, HNBR, (...)	-40	212	12	0.05			
		Oil seal	OS-F11	FKM	-13	392	35	0.05	4	1000	case fully covered (310-1000 mm airside fully covered only), spring 1.4301 standard design with protective lip for FKM material
				NBR VMQ, ACM, EPDM, HNBR, (...)	-40	212	12	0.05			
		Oil seal	OS-N21	NBR	-40	212	10	1	8	300	pressure resistant with protective lip standard design
				FKM	-13	392	10	1			
		Oil seal	OS-N34	NBR	-40	212	10	1	8	300	pressure resistant
				FKM	-13	392	10	1			
		Oil seal	OS-G10	NBR	-40	212	12	0.05	4	1000	ribbed rubber OD
				FKM VMQ, ACM, EPDM, HNBR, (...)	-13	392	35	0.05			

anyseals, Inc is a leading global and U.S. supply chain specialist, providing superior quality rubber o-rings, oil seals, hydraulic seals, radial shaft seals, custom rubber products and specialty seals. We supply our customers with high quality products, utilizing our extensive global network of manufacturers. We are proud of our reputation for providing innovative solu-

tions for your product and manufacturing challenges.

The **anyseals group** is an independently operating channel of the **Angst+Pfister network**. This strengthens our position with production partners and access to raw materials and seals around the world, helping us to deliver reliability to our customers.

Rotary Seals






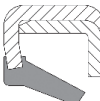







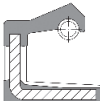



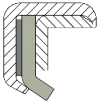
		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks	
					min	max	max	max	from to		
Oil seal											
		Oil seal	OS-G11	NBR	-40	212	12	0.05	4	1000	ribbed rubber OD with protective lip
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-G12	NBR	-40	212	6	0	3		ribbed rubber OD without spring
				FKM	-13	200	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-G13	NBR	-40	212	6	0	4		ribbed rubber OD without spring with protective lip
				FKM	-13	392	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-B10	NBR	-40	212	12	0.05	6	1000	standard design metal OD
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-B11	NBR	-40	212	12	0.05	6	1000	metal OD with protective lip
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-B12	NBR	-40	212	6	0	4		metal OD without spring
				FKM	-13	392	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-B13	NBR	-40	212	6	0	4		metal OD without spring with protective lip
				FKM	-13	392	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-BG10	NBR	-40	212	12	0.05	4	1000	metal + rubber OD
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-BG11	NBR	-40	212	12	0.05	4	1000	metal + rubber OD with protective lip
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							

(...) On request available in other materials.
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Simply shop better faster - the anyseals eShop

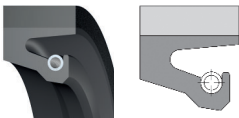
The **anyseals eShop** is precisely designed to meet the needs of the technical trade and is constantly being adapted to these. You will find two differentiated and at the same time intuitively easy-to-use tools for product search. A catalog search in which you can find all the properties of a seal, or a quick search in which, f.e. the terms of various competitors are assigned to our article numbers. This gives you extremely fast delivery and price information.

Rotary Seals

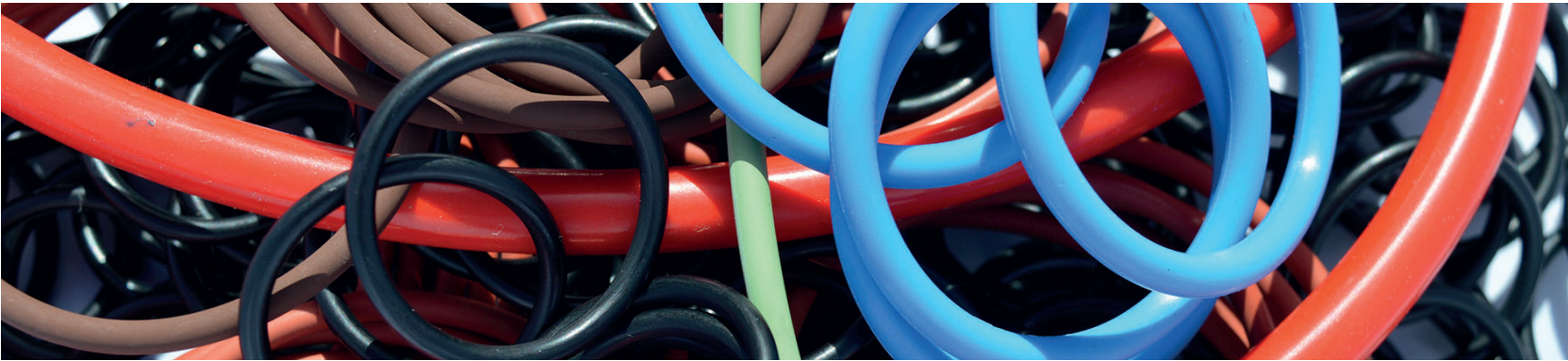
		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]		Remarks
					min	max	max	max	from to		
Oil seal											
		Oil seal	OS-C10	NBR	-40	212	12	0.05	6	1000	standard design metal OD + reinforcement cap
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-C11	NBR	-40	212	12	0.05	6	1000	metal OD + reinforcement cap with protective lip
				FKM	-13	392	35	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-C12	NBR	-40	212	6	0	6		metal OD + reinforcement cap without spring
				FKM	-13	392	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-C13	NBR	-40	212	6	0	6		metal OD + reinforcement cap without spring with protective lip
				FKM	-13	392	10	0			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-D10	NBR	-40	212	5	0.02		1000	two sealing lips for separating two media
				FKM	-13	392	10	0.02			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-D15	NBR	-40	212	5	0.02		1000	two sealing lips for separating two media
				FKM	-13	392	10	0.02			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-O18	NBR	-40	212	10	0.05		1000	outside sealing
				FKM	-13	392	10	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-ST18	NBR	-40	176	7	0.05		300	cassette seal other designs available
				FKM	-13	212	9	0.05			
				VMQ, ACM, EPDM, HNBR, (...)							
		Oil seal	OS-PA31	PTFE compounds	-130	482	40	1	5	1200	clamped sealing lip pressure resistant non-mould production
				stainless steel							



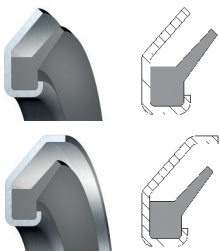
Rotary Seals

	Product	Type	Materials	Temp.*		Speed*	Pressure*	Range	Remarks
				[°F]		[m/s]	[MPa]	[mm]	
					min	max	max	max	from to
	Oil seal								
	Oil seal	OS-Q10	NBR + NBR-Fabric	-22	212	20	0.05	1200	OD made of rubber fabric for large-scale machines split version possible
			FKM + FKM-Fabric	-5	320	25	0.05		

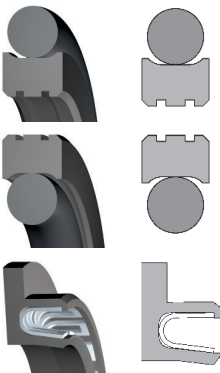
V-Ring										
	V-Ring	VR-A10	NBR	-40	212	8 (12)	0	3	1000	type A
			FKM (...)	-4	392	6 (10)	0			
	V-Ring	VR-S10	NBR	-40	212	8 (12)	0	5	199	type S
			FKM (...)	-4	392	6 (10)	0			
	V-Ring	VR-L10	NBR	-40	212	8 (12)	0	110	600	type L
			FKM (...)	-4	392	6 (10)	0			



Rotary Seals



Product	Type	Materials	Temp.*		Speed*	Pressure*	Range		Remarks
			[°F]		[m/s]	[MPa]	[mm]		
Axial Seal									
Axial seal	AS-10	NBR	-40	212	12	0	10	135	standard design
		FKM (...)	-13	356	12	0			
Axial seal	AS-11	NBR	-40	212	12	0	15	100	version with extended metal case
		FKM (...)	-13	356	12	0			



Radial Seal									
Radial seal	RD-10	PTFE carbon/graphite,(...)			2	30		2500	for rotating and oscillating movements inside sealing
		O-Ring: NBR	-22	212					
		O-Ring: FKM	-5	392					
Radial seal	RD-11	PTFE carbon/graphite,(...)			2	30		2500	for rotating and oscillating movements outside sealing
		O-Ring: NBR	-22	212					
		O-Ring: FKM	-5	392					
Radial seal	RD-14	PTFE carbon/graphite, (...) V-spring: 1.4310	-148	392	2	15		2500	with clamp flange high thermal and chemical resistance

(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

eShop - features

- In the **anyseals eShop** you find the entire catalogue of seals in 1.2 million sizes – at a glance:
- an easy catalogue search function for a good overview
 - a quick search with a free-form text insert, where you even can search via your own article number
 - technical information on any seal type
 - interactive 3D views of all seal types



Rotary Seals



Product	Type	Materials	Temp.*		Speed*	Pressure*	Range		Remarks
			[°F]		[m/s]	[MPa]	[mm]		
			min	max	max	max	from	to	
Springs									
Springs	SG-10	stainless steel SUS 316 / 1.4401							for oil seals, open
Springs	SG-11	stainless steel SUS 316 / 1.4401							for oil seals, twisted up



Shaft Repair Sleeve									
Shaft Repair Sleeve	SL-10	stainless steel 1.4301 (AISI 304)					12	203.2	counterface replacement for radial shaft seals

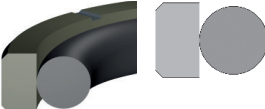
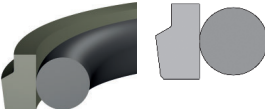


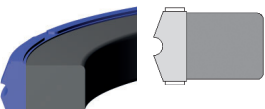
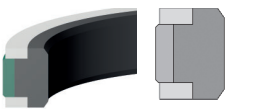
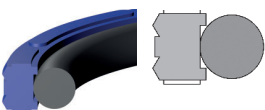
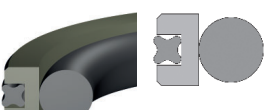
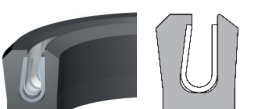
(...) On request available in other materials.
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State-of-the-art warehousing
for optimum availability.

A substantial warehouse capacity and very efficient processes allow the optimum availability of our products.

The **anyseals** warehouse has been equipped with state-of-the- art technology. The fully automated high-rack storage systems are completely enclosed.

Hydraulic Seals


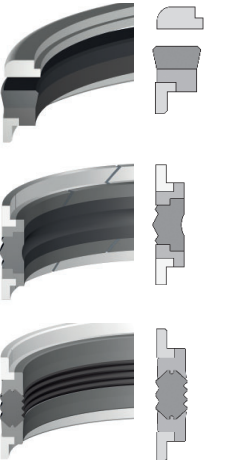
	Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
				[°F] min	max				
	Piston seal								
	Piston seal	PS-10	PTFE bronze (...)	-22	212	15	40	2500	double acting
			+ OR NBR						
			PTFE bronze (...)	-5	392	15	40		
+ OR FKM									
	Piston seal	PS-11	TPU + OR NBR	-22	212	2		2500	single acting
			PTFE bronze (...)	-22	212	15	40		
			+ OR NBR						
			PTFE bronze (...)	-5	392	15	40		
	Piston seal	PS-12	+ OR FKM						double acting
			TPU + OR NBR	-22	212	2		2500	
			PTFE bronze (...)	-22	212	2	16		
			+ OR NBR				16		
	Piston seal	PS-13	PTFE compounds	-22	212	15	35	2500	double acting
			+ OR NBR						
			PTFE compounds	-5	392	15	35		
			+ OR FKM						
	Piston sealL	PS-14	TPU + NBR	-22	212	0.5	40	200	double acting
	Piston sealL	PS-17	PTFE bronze + NBR + POM	-22	212	1.5	40	290	double acting heavy duty
	Piston sealL	PS-18	TPU + NBR	-22	212	0.5	25	250	double acting
	Piston seal	PS-19	PTFE bronze (...)	-22	212	2	40	700	double acting
			+ OR NBR						
			PTFE bronze (...)	-5	392	2	40		
			+ OR FKM						
	Piston seal	PS-87	PTFE carbon/graphite (...) V-spring: 1.4310	-238	482	15	35	2500	single acting

As a result, we can guarantee storage in accordance with DIN regulations, even if temperatures fluctuate.

In order to guarantee sorting accuracy and traceability, the individual production batches are stored separately and identified using a barcode system.

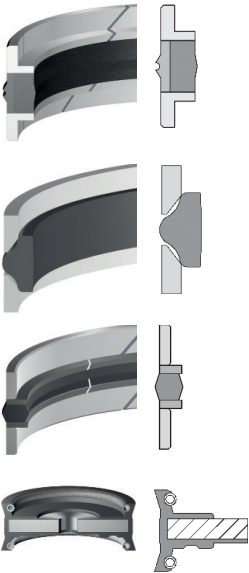


Hydraulic Seals

		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
					min	max	max	max	up to	
		Piston seal								
		Piston seal	PS-88	PTFE compounds Spring: 1.4310	-238	482	10	25 (45)	2500	single acting
		Piston seal	PS-89	PTFE compounds Spring: 1.4310	-238	482	5	30	2500	single acting
		Piston seal	PS-20	NBR / Fabric + POM	-22	212	0.5	40	300	single acting
				FKM / Fabric	-5	302	0.5	40		
		Piston seal	PS-72	TPU	-22/-40	212	0.5	40	450	single acting
				NBR	-22	212	0.5	15	360	
		Piston seal	PS-65	TPU + POM	-22	212	0.5	40	240	single acting
	Piston seal	PS-33	NBR + NBR/Fabric + POM	-22	212	0.5	50	200	single acting	
	Piston seal	PS-40	NBR + TPE + POM (...)	-22	212	0.5	40	280	double acting	
	Piston seal	PS-42	NBR + TPE + POM	-22	212	0.5	70	350	double acting	



Hydraulic Seals



Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
			[°F] min	max				
Piston seal								
Piston seal	PS-44	NBR + NBR/Fabric + POM	-22	212	0.5	40	250	double acting
Piston seal	PS-45	NBR + POM	-22	212	0.5	15	200	double acting
Piston seal	PS-53	NBR + TPE + POM	-22	212	0.5	40	203.2	double acting
Piston seal	PS-50	NBR (...)	-22	212	0.5	1- 6	300	double acting

(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

Much more
than just standard.

There will always be some jobs that need individual solutions. **anyseals** offers not only standard but also engineered products according to customers drawings, produced to meet your own specifications.

These may be pure elastomer parts, rubber-metal or rubber-plastic compounds, moulded flat seals, rings cut from tubes or elastomer coatings for metals.

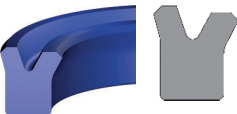


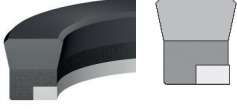


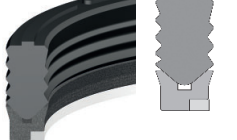

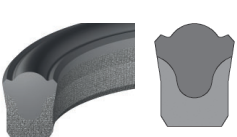
Hydraulic Seals

	Product	Type	Materials	Temp.*		Speed*	Pressure*	Range	Remarks
				[°F]		[m/s]	[MPa]	[mm]	
				min	max	max	max	up to	
Rod seal									
	Rod seal	RS-10	PTFE bronze (...)	-22	212	15	40	2500	double acting
			+ OR NBR						
			PTFE bronze (...)	-5	392	15	40		
			+ OR FKM						
	Rod seal	RS-11	TPU + OR NBR	-22	212	2			single acting
			PTFE bronze (...)	-22	212	15	40	2500	
			+ OR NBR						
			PTFE bronze (...)	-5	392	15	40		
	Rod seal	RS-12	+ OR FKM	-22	212	2			double acting
			TPU + OR NBR	-22	212	2			
			PTFE bronze (...)	-22	212	2	16	2500	
			+ OR NBR	-5	392	2	16		
	Rod seal	RS-13	PTFE compound (...)	-22	212	15	35	2500	double acting
			+ OR NBR						
			PTFE compound (...)	-5	392	15	35		
			+ OR FKM						
	Rod seal	RS-87	PTFE carbon/graphite (...)	-238	482	15	35	2500	single acting
			V-spring: 1.4310						
	Rod seal	RS-88	PTFE compounds	-238	482	10	25 (45)	2500	single acting
			Spring: 1.4310						
	Rod seal	RS-89	PTFE compounds	-238	482	5	30	2500	single acting
			Spring: 1.4310						
	Rod seal	RS-20	NBR / Fabric	-22	212	0.5	40	450	single acting
			+ NBR + POM						
			FKM / Fabric + FKM	-5	302	0.5	40		

(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
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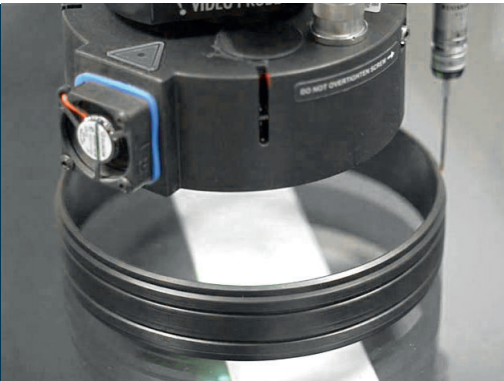


Hydraulic Seals

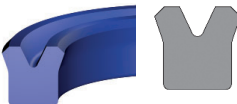

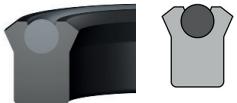


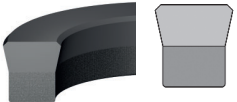
		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
					min	max	max	max	up to	
	Rod seal									
	Rod seal	RS-72	TPU		-22/-40	212	0.5	40	600	single acting
	Rod seal	RS-73	NBR		-22	212	0.5	15	245	single acting
			(...)	TPU	-22/-40	212	0.5	40	300	
	Rod seal	RS-76	TPU		-22/-40	212	0.5	40	250	single acting
	Rod seal	RS-31	NBR + NBR/Fabric + POM		-22	212	0.5	40	230	single acting
	Rod seal	RS-74	TPU + POM		-31	212	0.5	40	380	single acting
	Rod seal	RS-80	TPU + POM		-40	212	0.5	40	150	single acting buffer seal
	Rod seal	RS-32	NBR + NBR/fabric (TPE) + POM		-22	212	0.5	70	260	single acting
	Rod seal	RS-35	TPU + NBR + POM		-22	212	0.5	63	340	single acting heavy duty
	Rod seal	RS-36	NBR + NBR/fabric		-22	212	0.5	25	110	single acting heavy duty

Extensively tested
quality.

anyseals procures seals exclusively from approved and certified production companies (ISO 9001:2015 or IATF 16949). Our own production companies are also appropriately certified. We have our own laboratory out-fitted with the very latest testing equipment for any additional testing required by the anyseals Quality Assurance system.



Hydraulic Seals

		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
					min	max	max	max	up to	
Rod and Piston seal										
	Rod and Piston seal	RP-70	TPU	-22/-40	212	0.5	30	430	single acting	
			NBR (...)	-22	212	0.5	15	500		
	Rod and Piston seal	RP-75	TPU	-40	212	0.5	40	250	single acting	
	Rod and Piston seal	RP-78	TPU + NBR	-31	212	0.5	35	250	single acting	
	Rod and Piston seal	RP-69	TPU + NBR	-31	212	0.5	35	250	single acting	
	Rod and Piston seal	RP-68	TPU + NBR	-31	212	0.5	35	250	single acting	
	Rod and Piston seal	RP-30	NBR + NBR/Fabric	-22	212	0.5	25	130	single acting	

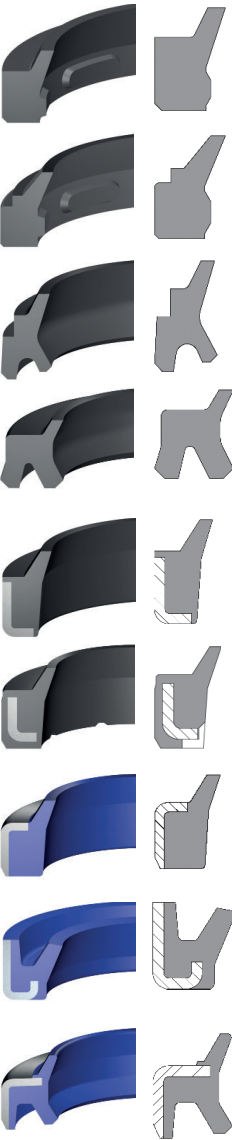
(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

Quality assurance

All our products and materials can be identified and are traceable due to the lot and material number. For each material there is a detailed material data sheet available.

Our Quality Assurance Department is responsible for quality inspections on our seals. For incoming inspections we have a random sampling system in accordance to DIN ISO 2859-1 AQL 1,5 and outgoing inspections are performed according to customer specifications.

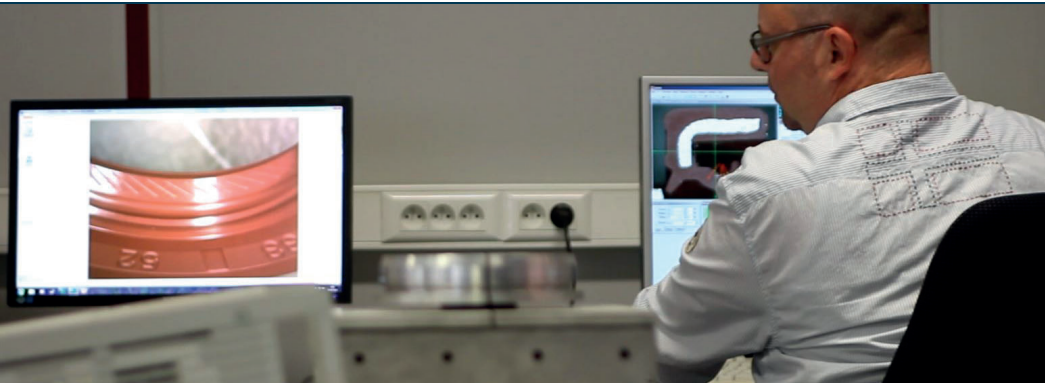
Hydraulic Seals



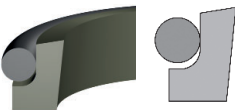
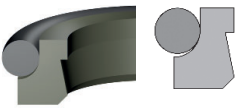
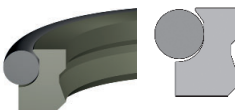
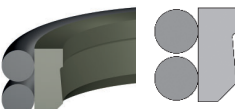
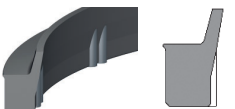

Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
			[°F] min	max				
Wiper								
Wiper	WS-10	NBR	-22	212	1		250	single acting
		TPU (...)	-22	212	1			
Wiper	WS-11	NBR	-22	212	1		180	single acting
		TPU (...)	-22	212	1			
Wiper	WS-D14	NBR (...)	-22	212	1		500	double wiper
Wiper	WS-D15	NBR	-22	212	1		250	double wiper
		TPU (...)	-22	212	1			
Wiper	WS-20	NBR (...)	-22	212	1		300	single acting with metal case
Wiper	WS-21	NBR	-22 (...)	212	1		300	single acting with metal case
Wiper	WS-22	TPU	-40	212	2		250	single acting with metal case
Wiper	WS-23	TPU	-40	212	1		250	single acting with metal case
Wiper	WS-D24	TPU	-40	212	1		250	double wiper with metal case

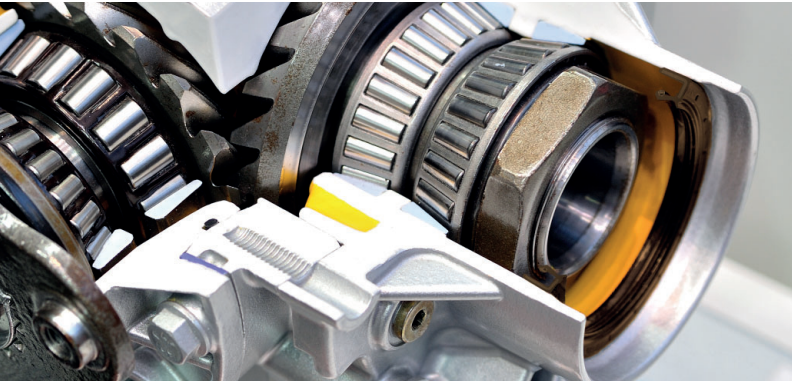
Following standardised and specified product characteristics are inspected:

- Dimensions (profile, diameter, ...)
- Surfaces (flash, flow lines, ...)
- Material characteristics (hardness Shore-A, hardness IRHD micro, density, compression set, ...)







Hydraulic Seals

		Product	Type	Materials	Temp.* [°F]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
					min	max	max	max	up to	
	Wiper									
	Wiper	WS-30	PTFE bronze (...) + OR NBR	-22	212	15			2500	single acting
			PTFE bronze (...) + OR FKM	-5	392	15				
			TPU + OR NBR	-22	212	2				
	Wiper	WS-D31	PTFE bronze (...) + OR NBR	-22	212	15			2500	double wiper
			PTFE bronze (...) + OR FKM	-5	392	15				
			TPU + OR NBR	-22	212	2				
		Wiper	WS-D32	PTFE bronze (...) + OR NBR	-22	212	15			2500
PTFE bronze (...) + OR FKM				-5	392	15				
TPU + OR NBR				-22	212	2				
		Wiper	WS-D33	PTFE bronze (...) + OR NBR	-22	212	5			2500
	PTFE bronze (...) + OR FKM			-5	392	5				
		Wiper	WS-17	TPE	-40	248	2			450
	Wiper	WS-18	TPU	-22	212	1			200	single acting



Extensive technical information:

Hydraulic Seals

	Product	Type	Materials	Temp.*		Speed*	Contact pressure*	Remarks
				[°F]				
				min	max	[m/s]	[N/mm²]	
						max	max	
	Guiding elements							
	Guide ring	GR-P10	PTFE bronze (...)	-76	392	15	15	piston guide ring
			laminated fabric	-76	248	1	350	
			POM-glass	-22	230	1	35	
	Guide ring	GR-R10	PTFE bronze (...)	-76	392	15	15	rod guide ring
			laminated fabric	-76	248	1	350	
			POM-glass	-22	230	1	35	
	Guide strip per roll	GS-10	PTFE bronze (...)	-76	392	15	15	special surface structure chamfered edges diamond pattern
	Guide strip precut	GS-11	PTFE bronze (...)	-76	392	15	15	Precut shapes: diagonal (30°) straight (90°) Z-cut diamond pattern


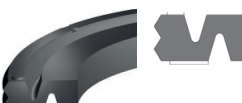


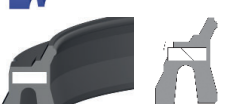



(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

On the **anyseals** website you will find detailed technical information regarding quality, materials, operating parameters, housings, installation, storage and more on numerous types of seals.

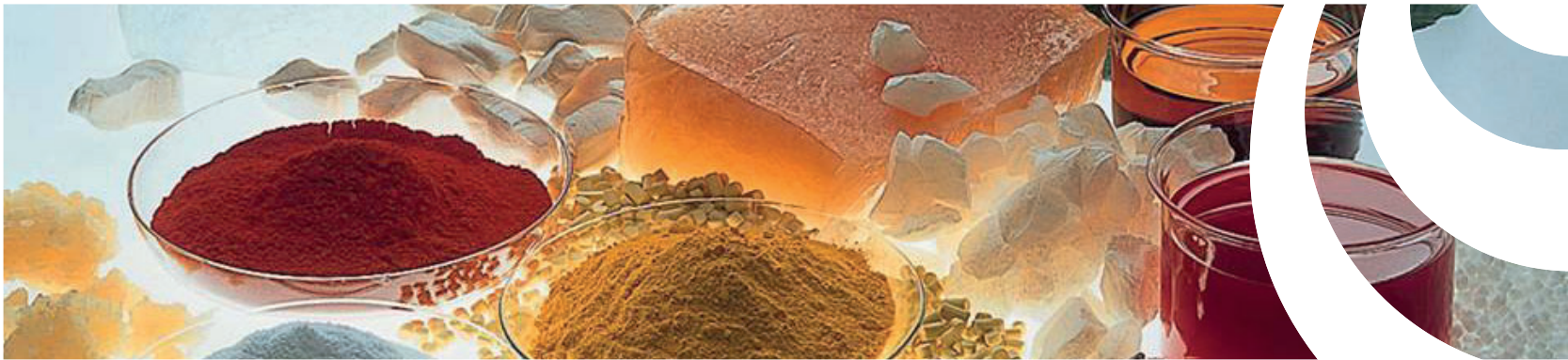
Material data sheets can be accessed for all offered materials via the **anyseals eShop**.



Pneumatic Seals

	Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks	
				[°F] min	max					
	Piston seal									
	Piston seal	PS-51	NBR (...)	-22	212	1	1.6	400	double acting	
		Piston seal	PS-81	NBR	-22	212	1	1.2	125	double acting
		Piston seal	PS-85	NBR	-22	212	1	1.2	320	single acting
			TPU	-22	176	1	1.6			
		Piston seal	PS-86	NBR	-22	212	1	1.2	320	single acting
			TPU	-22	176	1	1.6	160		
Rod seal										
	Rod seal	RS-85	TPU	-22	176	1	1.6	50	single acting combination seal/wiper	
		Rod seal	RS-86	NBR + carbon steel	-22	212	1	1.6	50	single acting combination seal/wiper
		Rod seal	RS-94	NBR + TPE	-22	212	1	1.6	63	single acting combination seal/wiper
										
Rod seal			RS-95	NBR	-22	212	1	1.2	16	single acting combination seal/wiper
			TPU	-22	176	1	1.6	30		
		Rod seal	RS-93	NBR	-22	212	1	1.2	40	Cushion seal
		TPU	-22	176	1	1.6	70			

(...) On request available in other materials.
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.



Circlips



Product	Type	Description	Materials	Range [mm] from to		Dimensions
Circlip	CR-10	for shafts (A) universal	spring steel, stainless steel	3	1000	DIN 471
Circlip	CR-11	for bores (J) universal	spring steel, stainless steel	8	1000	DIN 472
Retaining ring	RR-10	for shafts	spring steel, stainless steel	1.2	24	DIN 6799

Materials with approvals

anyseals material number	Material type	Hardness Shore A	color	for product	DVWG DIN EN 549	FDA 21 CFR § 177.2600	FDA 21 CFR § 177.1550	NSF 61 listing	EC 1935/2004
1070-19001	NBR	70	black	OR	approved				
1070-19011	NBR	70	black	OR		approved		approved	
1075-19002	NBR	75	blue	HS		approved			approved
1177-19005	FKM	77	brown	OR		approved			approved
1177-19006	FKM	77	green	OR		approved			approved
1270-19009	EPDM px	70	black	OR		approved			approved
1270-19011	EPDM px	70	black	OR		approved			approved
1275-19001	EPDM	75	black	HS		approved			approved
1360-13001	VMQ	60	red	Cord		approved			
1370-19002	VMQ	70	red	OR		approved			approved
1375-19001	VMQ	75	trans	HS		approved			
1699-17301	PTFE virg.		white	OR HS BR			approved		approved

Materials to cater for every wish.

NBR, HNBR, evolast® (FFKM), FKM, EPDM and many more. **anyseals** has a wide range of materials for both standard applications as well as for very specific challenges.



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