



anyseals

**We supply
seals**

**worldwide!
promptly!**

around the clock
www.anyseals.eu
shop.anyseals.eu

Static Seals

Product	Description	Type	Materials (various Shore hardnesses)	Dimensions	Remarks
	O-Ring	OR-10	NBR, FKM, EPDM, VMQ, HNBR, FFKM, FVMQ, FEPM, ACM, CR, SBR, CSM, ECO, BR, IIR, IR, AU, EU, NR	DIN 3771-1, ISO 3601-1, 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	FEP- encapsulated	OR-11	FKM / FEP encapsulated VMQ/ FEP encapsulated	
	O-Ring	PTFE- encapsulated	OR-12	PTFE Elastomer core	
	O-Ring made from O-Ring cord	glued	OR-13	NBR, FKM, EPDM, VMQ	
	O-Ring made from O-Ring cord	vulcanised	OR-14	NBR, FKM, EPDM, VMQ	
	X-Ring		XR-10	NBR, FKM, . . .	AS 568
	Back up ring	concave	BR-10	NBR, FKM	
	Back up ring	solid	BR-11	PTFE, POM, PEEK, NBR, FKM, AU, ...	
	Back up ring	split	BR-12	PTFE, POM, PEEK, NBR, FKM, AU, ...	
	Back up ring	spiral	BR-13	PTFE	
	Flat ring/washer	moulded	WR-10	NBR, FKM, EPDM, VMQ, ...	
	Flat ring/washer	tube cut	WR-11	NBR, FKM, EPDM, VMQ, ...	
	Flat ring/washer	stamped	WR-12	NBR, FKM, EPDM, VMQ, ...	
	Flat ring/washer	lathe cut	WR-13	NBR, FKM, EPDM, VMQ, ...	

anyseals is different

anyseals has seal know-how.













anyseals is a specialized team with passion and the experience of old hands in the seal business.

anyseals is determined to be the perfect and timeless partner for the technical trade and is consistently focused on its demands and requirements.

anyseals supplies the technical trade exclusively!



Static Seals

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







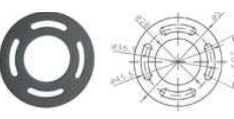








Boundlessly networked

anyseals has its headquarters in the middle of boundlessly networked Europe; in Merchtem situated on the northern periphery of Brussels. This is where the goods from worldwide purchasing arrive - this is where the computer controlled high rack warehouse with seals of all types stands - this is where quality and incoming goods inspections take place - and where customers' orders are despatched and, of course, at high speed.

There is a regional sales office for German speaking areas in Hamburg. North America, Canada and Mexico is taken care of by our team in Cleveland, Ohio.

In Taiwan, anyseals has an office that apart from taking care of sales in East Asia, is also in constant contact with the local suppliers, coordinates transport routes, solves problems there and then and in particular, informs the producers on requisite demands with regard to product standards and quality assurance.

Static Seals

Product	Description	Type	Materials (various Shore hardnesses)	Dimensions	Remarks
	Flange seal	outside sealing	FS-10	PTFE compounds V-spring stainless steel	
	Flange seal	inside sealing	FS-11	PTFE compounds V-spring stainless steel	
	Flange seal	outside sealing	FS-12	PTFE compounds helical spring stainless steel	
	Flange seal	inside sealing	FS-13	PTFE compound helical spring stainless steel	
	Moulded part acc. to drawing	customer specific	CP-10	all established materials and combinations	
 	O-Ring Cord Service box		SK-10	NBR, FKM, EPDM, VMQ, ...	
 	O-Ring Service box	inch 1 inch 2 inch 3 inch 4 metric 1 metric 2 metric 3 metric 4 french swedish	SK-20 SK-21 SK-22 SK-23 SK-24 SK-25 SK-26 SK-27 SK-28 SK-29	NBR, FKM, EPDM, VMQ, ...	
 	X-Ring Service box		SK-40	NBR, FKM, EPDM, VMQ, ...	
 	Service box	special contents	SK-50	NBR, FKM, EPDM, VMQ, ...	



People, personal contact, trust




anyseals works with software which is perfectly adapted to the seal business. Internal procedures are optimised and the customer can access any information required in the language he understands via www.anyseals.eu.

Warehouse availability, possible delivery time, prices and orders.

shop.anyseals.eu is the quickest connection between customer and seal.

anyseals around the clock!

Static Seals

Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
	CS-10	NBR	-30	100	0.05	600	smooth rubber OD	
		FKM	-20	200				0.05
	CS-11	NBR	-30	100	0.05	600	ribbed rubber OD	
		FKM	-20	200				0.05
	CS-12	NBR	-30	100	0.05	600	metal + smooth rubber OD, ribbed rubber OD possible	
		FKM	-20	200				0.05











* 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.

However much technology, the anyseals team whether in Belgium, Germany, USA or Taiwan, is made up of people who are committed to seals and the technical trade. Every day, we live and breathe our philosophy of close contact with our customers, discussions, advice, negotiation, technical solutions and other helpful measures.

By the way, in Merchtem, Brussels apart from German and English we of course also speak French and Flemish; in the USA and in East Asia, we make ourselves understood country-specific. And also for Russian or Spanish you will usually find a contact person within **anyseals**.



Rotary Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range		Remarks
			[°C] min	max			[mm] from	to	
	OS-A10	NBR	-40	100	12	0.05	4	1000	standard design acc. to DIN 3760
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	35	0.05			
	OS-A11	NBR	-40	100	12	0.05	4	1000	standard design acc. to DIN 3760 with protective lip
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	35	0.05			
	OS-A12	NBR	-40	100	6	0	3		without spring
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	10	0			
	OS-A13	NBR	-40	100	6	0	4		without spring with protective lip
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	10	0			
	OS-F10	FKM	-30	200	35	0.05	4	1000	case fully covered spring 1.4301 standard design for FKM material
		NBR VMQ, ACM, EPDM, HNBR, ...	-40	100	12	0.05			
	OS-F11	FKM	-30	200	35	0.05	4	1000	case fully covered spring 1.4301 stand. design with protec- tive lip for FKM material
		NBR VMQ, ACM, EPDM, HNBR, ...	-40	100	12	0.05			
	OS-N21	NBR	-40	100	12	1	8	300	pressure resistant with protective lip standard design
		FKM	-30	170	35	1			
	OS-N34	NBR	-40	100	12	1	8	300	pressure resistant
		FKM	-30	170	35	1			
	OS-G10	NBR	-40	100	12	0.05	4	1000	ribbed rubber OD
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	35	0.05			
	OS-G11	NBR	-40	100	12	0.05	4	1000	ribbed rubber OD with protective lip
		FKM VMQ, ACM, EPDM, HNBR, ...	-30	200	35	0.05			

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Quality assurance

anyseals procures seals exclusively from approved and certified production companies (ISO 9001:2008 or ISO TS 16949). Our own production companies are also appropriately certified.

We have our own laboratory outfitted with the very latest testing equipment for any additional testing required by the anyseals Quality Assurance system.

All our products and materials can be identified and are traceable due to the lot and material number.

Rotary Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks		
			min	max						
	Oil seal	OS-G12	NBR	-40	100	6	0	3	ribbed rubber OD	
				FKM	-30	200	10	0		without spring
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-G13	NBR	-40	100	6	0	4	ribbed rubber OD	
				FKM	-30	200	10	0		without spring
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-B10	NBR	-40	100	12	0.05	6	1000 standard design	
				FKM	-30	200	35	0.05		metal housing
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-B11	NBR	-40	100	12	0.05	6	1000 metal housing	
				FKM	-30	200	35	0.05		with protective lip
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-B12	NBR	-40	100	6	0	4	metal housing	
				FKM	-30	200	10	0		without spring
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-B13	NBR	-40	100	6	0	4	metal housing	
				FKM	-30	200	10	0		without spring
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-BG10	NBR	-40	100	12	0.05	4	1000 metal + rubber OD	
				FKM	-30	200	35	0.05		
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-BG11	NBR	-40	100	12	0.05	4	1000 metal + rubber OD	
				FKM	-30	200	35	0.05		with protective lip
					VMQ, ACM, EPDM, HNBR, ...					
	Oil seal	OS-C10	NBR	-40	100	12	0.05	6	1000 standard design	
				FKM	-30	200	35	0.05		metal housing +
					VMQ, ACM, EPDM, HNBR, ...					reinforcement cap
	Oil seal	OS-C11	NBR	-40	100	12	0.05	6	1000 metal housing +	
				FKM	-30	200	35	0.05		reinforcement cap
					VMQ, ACM, EPDM, HNBR, ...					with protective lip

* 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.



Werkstoffdatenblatt		anyseals	
material test report		anyseals NV Industriezone D - Preenacker 2-4 B-1785 Merchtem Belgium	
Werkstoffnummer material number	1090-10103	Werkstofftyp material type	NBR 90
Farbe colour	schwarz black		
Eigenschaft property	Einheit unit	Prüfmethode test method	Prüfparameter test parameter
Härte hardness	Shore A	ASTM D 2240	90 ±5
Reißfestigkeit tensile strength	MPa	ASTM D 412 C	14.2
Reißdehnung ultimate elongation	%	ASTM D 412 C	147
Weiterreißfestigkeit tear resistance	N/mm	ASTM D 624 B	52
Dichte specific gravity	g/cm ³	ASTM D 297	1.31
Druckverformungsrest compression set	%	ASTM D 395 B	22h / 100°C
Eigenschaftsänderungen nach Alterung changes of properties after ageing			
Medium	Prüfmethode test method	Zeit time	Härte Punkte shore A
medium		Temperat. ratur tempere °C	Reiß- festigkeit tensile strength %
			Reiß- dehnung ultimate elongation %
			Volumen- veränderung volume change %














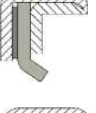

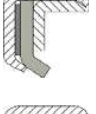

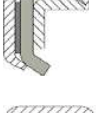


For each material there is a detailed material data sheet available.

The quality tests on our seals are undertaken and documented in the incoming goods department using a random sample system in accordance with DIN ISO 2859-1 and outgoing goods tests in accordance with customer specifications.

Standardised and specified product characteristics are tested according to:

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

Rotary Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range		Remarks
			min	max			from	to	
 	Oil seal	OS-C12	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	100 200	6 10	0 0	6	metal housing + reinforcement cap without spring
 	Oil seal	OS-C13	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	100 200	6 10	0 0	6	metal housing + reinforcement cap with protective lip
 	Oil seal	OS-D10	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	100 200	6 10	0.03 0.03	1000	two sealing lips for separating two media
 	Oil seal	OS-D15	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	100 200	6 10	0.03 0.03	1000	two sealing lips for separating two media
 	Oil seal	OS-O18	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	100 200	10 10	0.05 0.05	1000	outside sealing
 	Oil seal	OS-ST18	NBR FKM VMQ, ACM, EPDM, HNBR, ...	-40 -30	80 100	7 9	0.05 0.05	300	cassette seal other designs available
 	Oil seal	OS-PA30	PTFE compounds stainless steel	-90	250	40	0.5	20 1200	clamped sealing lip pressure resistant non-mould production
 	Oil seal	OS-PA31	PTFE compounds stainless steel	-90	250	40	1	31 1200	clamped sealing lip pressure resistant non-mould production
 	Oil seal	OS-PA32	PTFE compounds stainless steel	-90	250	40	2.5	31 1200	clamped sealing lip pressure resistant non-mould production
 	Oil seal	OS-W10	NBR FKM	-40 -30	100 200	12 15	0.5 1 (optional)	1200	clamped sealing lip pressure resistant non-mould production

* 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.

The greatest possible availability – the anyseals warehouse

The greatest possible availability of the various standard seals requires substantial warehouse capacity as well as secure and quick picking possibilities.

The anyseals warehouse has been equipped in accordance with state-of-the-art technology.

The fully automatically controlled high rack is completely enclosed. With extreme temperatures in the immediate environment, climate control is activated automatically to ensure that the parts are always stored in compliance with the DIN regulations.

The individual production batches are separated so that absolute sorting accuracy and guaranteed traceability of the individual delivery to the production batch is assured. A barcode system eliminates picking errors in type and lot.



Rotary Seals













Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
			min	max				
Oil seal	OS-W11	NBR	-40	100	12	0.5	1200	clamped sealing lip pressure resistant non-mould production
		FKM	-30	200	15	1 (optional)		
Oil seal	OS-W50	PTFE carbon / graphite O-Ring: FKM Spring: 1.4571	-20	200	15	1	300	chemical resistant pressure resistant non-mould production
Oil seal	OS-Q10	NBR + NBR-Fabric	-30	100	20	0.05	1200	OD made of rubber fabric for large-scale machines split version possible
		FKM + FKM-Fabric	-20	180	25	0.05		
Oil seal	OS-Q11	NBR + NBR-Fabric	-30	100	20	0.05	1200	OD made of rubber fabric for large-scale machines split version possible
		FKM + FKM-Fabric	-20	180	25	0.05		
Oil seal	OS-Q12	NBR + NBR-Fabric	-30	100	20	0.05	1200	OD made of rubber fabric for large-scale machines split version possible
		FKM + FKM-Fabric	-20	180	25	0.05		
Oil seal	OS-Q13	NBR + NBR-Fabric	-30	100	20	0.05	1200	OD made of rubber fabric for large-scale machines split version possible
		FKM + FKM-Fabric	-20	180	25	0.05		

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Rotary Seals

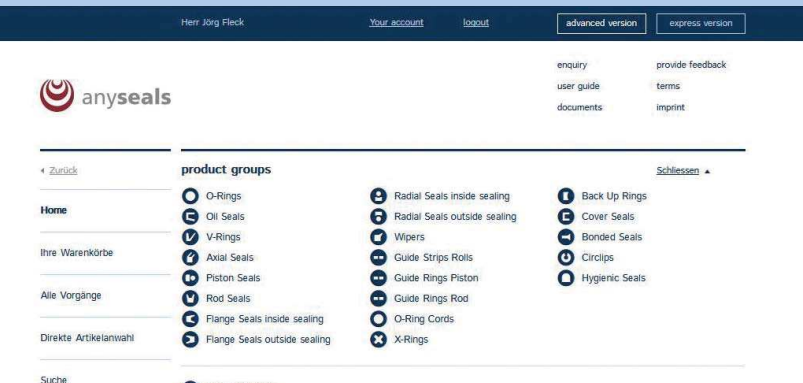
Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range		Remarks
			[°C] min	max			[mm] from	to	
	VR-A10	NBR	-40	100	8 (12)	0	3	1000	type A
		FKM	-20	200	6.5 (10)	0			
		...							
	VR-S10	NBR	-40	100	8 (12)	0	5	199	type S
		FKM	-20	200	6.5 (10)	0			
		...							
	VR-E10	NBR	-40	100	8 (12)	0	300	2000	type E
		FKM	-20	200	6.5 (10)	0			
		...							
	VR-L10	NBR	-40	100	8 (12)	0	110	600	type L
		FKM	-20	200	6.5 (10)	0			
		...							
	VR-AX10	NBR	-40	100	8 (12)	0	200	2000	type AX
		FKM	-20	200	6.5 (10)	0			
		...							
	AS-10	NBR	-40	100	12 (20)	0	10	135	standard design
		FKM	-30	180	12 (20)	0			
		...							
	AS-11	NBR	-40	100	12 (20)	0	15	100	version with extended metal case
		FKM	-30	180	12 (20)	0			
		...							
	RD-10	PTFE carbon/graphite,...			5	30		2500	for rotating and oscillating movements inside sealing
		O-Ring: NBR	-30	100					
		O-Ring: FKM	-15	200					
	RD-11	PTFE carbon/graphite,...			5	30		2500	for rotating and oscillating movements outside sealing
		O-Ring: NBR	-30	100					
		O-Ring: FKM	-15	200					
	RD-14	PTFE carbon/graphite,...	-100	200	2	15		2500	with clamp flange high thermal and chemical resistance
		V-spring: 1.4310							

* 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.

around the clock:
shop.anyseals.eu

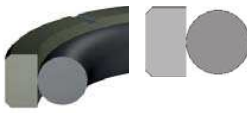









Our E-Shop is also designed to deal with the precise needs of the technical trade. We provide you with a broadly diverse but simultaneously easy-to-use selection system for product searches.

You can get delivery and price information extremely fast and you can comfortably place an order. Just like at the supermarket, your shopping cart is filled with the items you select and you can place your inquiry or order whenever you like – safe in the knowledge that it goes straight to our headquarters.



The screenshot shows the top navigation bar with user information (Herr Jörg Fleck), account links (Your account, logout), and version options (advanced version, express version). Below this is a search bar and a grid of product groups including O-Rings, Oil Seals, V-Rings, Axial Seals, Piston Seals, Rod Seals, Flange Seals, Radial Seals, Wipers, Guide Strips, and X-Rings. A sidebar on the left contains navigation links like 'Home', 'Ihre Warenkörbe', and 'Direkte Artikelwahl'. The bottom of the page features a search bar.

Hydraulic Seals

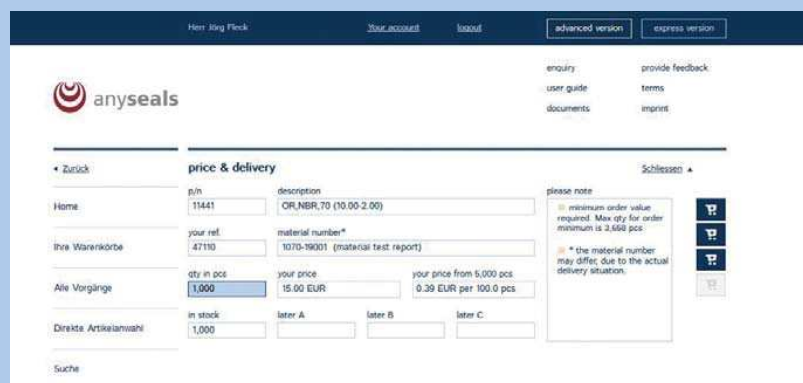
Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
			min	max				
	Piston seal	PS-10 PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM TPU + OR NBR	-30	100	15	40	2500	double acting
			-15	200	15	40		
			-30	100	2			
	Piston seal	PS-11 PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM TPU + OR NBR	-30	100	15	40	2500	single acting
			-15	200	15	40		
			-30	100	2			
	Piston seal	PS-12 PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM	-30	100	2	16	2500	double acting
			-15	200	2	16		
			-30	100	2			
	Piston seal	PS-13 PTFE compounds + OR NBR PTFE compounds + OR FKM	-30	100	15	35	2500	double acting
			-15	200	15	35		
	Piston seal	PS-14 PUR + NBR	-30	100	0.5	40	200	double acting
	Piston seal	PS-17 PTFE + NBR + POM	-30	100	1.5	40	290	double acting heavy duty
	Piston seal	PS-18 PUR + NBR	-30	100	0.5	25	250	double acting
	Piston seal	PS-19 PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM	-30	100	2	40	700	double acting
			-15	200	2	40		
	Piston seal	PS-87 PTFE carbon/graphite ... V-spring: 1.4310	-150	250	15	35	2500	single acting
	Piston seal	PS-88 PTFE compounds Spring: 1.4310	-150	250	10	25 (45)	2500	single acting

* 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.

Find it fast:

To make it easier to find the seal you are looking for, along with the search for models, working materials and material properties, our search function features additionally features special tools: Enter you own individual reference number into our Quick Search once you have registered it with us.

You can also use cross reference lists aligning our article designation with the designations from a variety of competing suppliers. As PDF files, these lists can also be printed out.



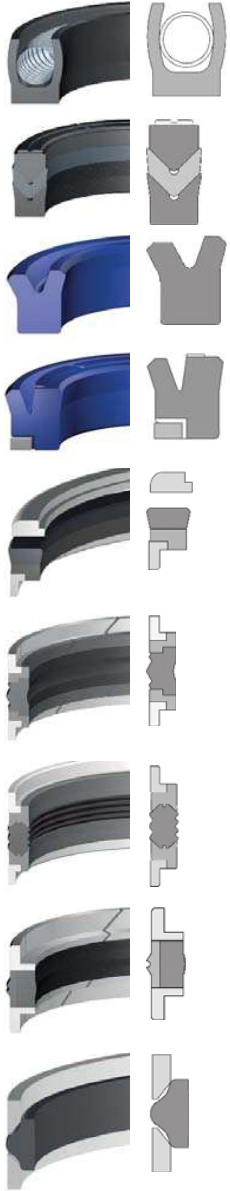
The screenshot shows the anyseals website interface. At the top, there are navigation links for 'Home', 'Your account', 'logout', 'advanced version', and 'express version'. Below this, there are links for 'enquiry', 'provide feedback', 'user guide', 'terms', 'documents', and 'imprint'. The main content area displays a search result for a piston seal. The product details include:

- price & delivery** (with a 'Schließen' button)
- Home:** p/n 11441, description ORL,NBR,70 (10.002.00)
- Ihre Warenkorb:** your ref. 47110, material number* 1070-19001 (material test report)
- Alle Vorgänge:** qty in pcs 1,000, your price 15.00 EUR, your price from 5,000 pcs 0.39 EUR per 100.0 pcs
- Direkte Artikelwahl:** in stock 1,000, later A, later B, later C
- Suche:** (search bar)

A 'please note' box on the right side of the product listing contains the following information:

- minimum order value required. Max qty for order minimum is 3,000 pcs
- * the material number may differ due to the actual delivery situation.

Hydraulic Seals



Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* Range		Remarks
			[°C] min	max		[MPa] max	[mm] up to	
Piston seal	PS-89	PTFE compounds Spring: 1.4310	-150	250	5	30	2500	single acting
Piston seal	PS-20	NBR / Fabric + POM	-30	100	0.5	40	1200	single acting
		FKM / Fabric	-15	150	0.5	40		
Piston seal	PS-72	TPU	-40	100	0.5	40	250	single acting
		NBR	-30	100	0.5	8	360	
Piston seal	PS-65	PUR + POM	-30	100	0.5	40	240	single acting
Piston seal	PS-33	NBR + NBR/Fabric + POM	-30	100	0.5	50	200	single acting
Piston seal	PS-40	NBR + PE + POM ...	-30	100	0.5	40	300	double acting
Piston seal	PS-42	NBR + TPE + POM	-30	100	0.5	70	350	double acting
Piston seal	PS-44	NBR + NBR/Fabric + POM	-30	100	0.5	40	250	double acting
Piston seal	PS-45	NBR + POM	-30	100	0.5	15	300	double acting

* 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.



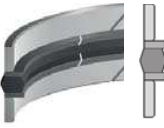

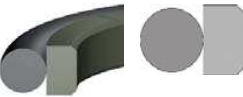
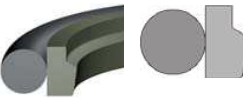
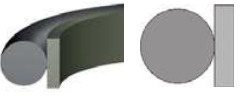




Activities overview and order tracking:

You can keep up with all of your anyseals online activities right up to delivery and the shipping company's tracking information. You can also trace the history of each individual delivered article under the heading "Direct Article Tracking".

And for your internal organisation you can also create more than one shopping cart (for different customers, for instance).

around the clock: shop.anyseals.eu

Hydraulic Seals

Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]		Range [mm] up to	Remarks
			min	max		max	max		
	Piston seal	PS-53	NBR + TPE + POM	-30	100	0.5	40	203.2	double acting
	Piston seal	PS-50	NBR ...	-30	100	0.5	1-6	300	double acting
	Rod seal	RS-10	PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM TPU + OR NBR	-30	100	15	40	2500	double acting
	Rod seal	RS-11	PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM TPU + OR NBR	-30	100	15	40	2500	single acting
	Rod seal	RS-12	PTFE bronze ... + OR NBR PTFE bronze ... + OR FKM	-30	100	2	16	2500	double acting
	Rod seal	RS-13	PTFE compound ... + OR NBR PTFE compound ... + OR FKM	-30	100	15	35	2500	double acting
	Rod seal	RS-87	PTFE carbon/graphite ... V-spring: 1.4310	-150	250	15	35	2500	single acting
	Rod seal	RS-88	PTFE compounds Spring: 1.4310	-150	250	10	25 (45)	2500	single acting
	Rod seal	RS-89	PTFE compounds Spring: 1.4310	-150	250	5	30	2500	single acting

* 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.

Extensive technical information:

You will find detailed technical information regarding the quality, materials, operating parameters, installation spaces, installation, storage and more on numerous types of seals.

Material specification sheets can be accessed for all of the materials on offer.

Size lists for a variety of product types can be created.

Shaft seals



Description

Shaft seals are rotary seals. They are used to seal rotating or swivelling machine elements (mainly shafts). The areas of application are diverse and can be found in all areas of mechanical and apparatus engineering.

Typical applications

- Engine and gear manufacturing
- Industrial gears
- Gear engines
- Electric motors
- Internal combustion engines
- Pumps

The structure of a shaft seal is characterised by:

- an elastomer part, sealing lip, or protective lip, if applicable outer diameter, and coating of the metal case (reinforcing ring)

- a metal case,
- a spring.



Hydraulic Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
	RS-20	NBR / Fabric + NBR + POM	-30	100	0.5	40	500	single acting
		FKM / Fabric + FKM	-15	150	0.5	40		
	RS-72	TPU	-40	100	0.5	40	250	single acting
		NBR	-30	100	0.5	16		
	RS-73	TPU	-40	100	0.5	40	250	single acting
		...						
	RS-76	TPU	-40	100	0.5	40	250	single acting
	RS-31	NBR + NBR/Fabric + POM	-30	100	0.5	40	230	single acting
	RS-74	PUR + POM	-30	100	0.5	40	380	single acting
	RS-80	PUR + POM	-30	100	0.5	40	150	single acting buffer seal
	RS-32	NBR + NBR/fabric (TPE) + POM	-30	100	0.5	70	260	single acting
	RS-35	PUR + NBR + POM	-30	100	0.5	63	340	single acting heavy duty

* 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.

Larger than normal

While standard seals are indeed our daily bread when it comes to prices in our E-Shop, adequate storage capacity and lightning-fast service -

anyseals is good for more:

e.g., drawn designed parts according to customer specifications!
Pure elastomer parts, rubber-metal or rubber-plastic compounds, moulded flat seals, rings cut from tubes, elastomer coatings for metals and much, much more, all in the widest variety of materials and degrees of hardness.

The anyseals team looks forward to your inquiries!



Hydraulic Seals












Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
			min	max				
Rod seal	RS-36	NBR + NBR/fabric	-30	100	0.5	25	up to 110	single acting heavy duty
Rod and Piston seal	RP-70	TPU	-40	100	0.5	30	250	single acting
		NBR	-30	100	0.5	16	500	
Rod and Piston seal	RP-75	TPU	-40	100	0.5	40	250	single acting
Rod and Piston seal	RP-30	NBR + NBR/Fabric	-30	100	0.5	20	140	single acting

* 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.



Pneumatic Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
	PS-51	NBR	-30	100	1	1.6	400	double acting
		...						
	PS-81	NBR	-30	100	1	1.2	125	double acting
	PS-85	NBR	-30	100	1	1.2	320	single acting
		PUR	-30	80	1	1.6		
	PS-86	NBR	-30	100	1	1.2	320	single acting
		PUR	-30	120	1	1.6		
	RS-85	PUR	--30	80	1	1.6	60	single acting combination wiper/seal
	RS-86	NBR + steel	-30	100	1	1.6	50	single acting combination wiper/seal
	RS-94	NBR + TPE	-30	100	1	1.6	63	single acting combination wiper/seal
	RS-95	NBR	-30	100	1	1.2	30	single acting combination wiper/seal
		PUR	--30	80	1	1.6		
	RS-93	NBR	-30	100	1	1.2	70	Cushion seal
		PUR	--30	80	1	1.6		

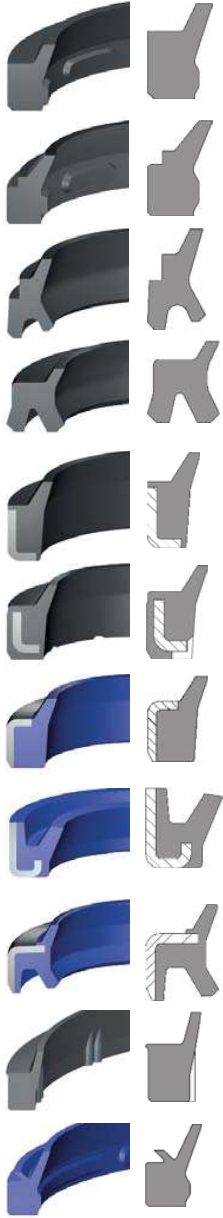
* With regard to technical data, please also refer to our detailed product information on the internet.
The specified maximum values may not appear in common.

Compounds – which leave nothing to be desired

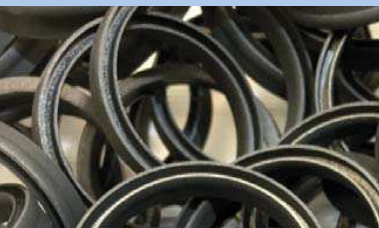
anyseals has been building an extensive warehouse also for special materials since years. You will find an overview on our website.



Wipers



Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
Wiper	WS-10	NBR	-40	100	4		350	single acting
		TPU	-40	100	2		250	
Wiper	WS-11	NBR	-40	100	4		250	single acting
		TPU	-40	100	2		180	
Wiper	WS-D14	NBR	-40	100	1		500	double wiper
		...						
Wiper	WS-D15	NBR	-40	100	1		300	double wiper
		TPU	-40	100	1		250	
Wiper	WS-20	NBR	-40	100	1		300	single acting with metal case
		...						
Wiper	WS-21	NBR	-40	100	1		300	single acting with metal case
		...						
Wiper	WS-22	TPU	-40	100	2		250	single acting with metal case
		...						
Wiper	WS-23	TPU	-40	100	1		250	single acting with metal case
		...						
Wiper	WS-D24	TPU	-40	100	1		250	double wiper with metal case
		...						
Wiper	WS-17	TPE	-40	120	2		450	single acting
Wiper	WS-18	PUR	-30	100	1		200	single acting



Wipers



Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
Wiper	WS-30	PTFE bronze ... + OR NBR	-30	100	15		2500	single acting
		PTFE bronze ... + OR FKM	-15	200	15			
		TPU + OR NBR	-30	100	2			
Wiper	WS-D31	PTFE bronze ... + OR NBR	-30	100	15		2500	double wiper
		PTFE bronze ... + OR FKM	-15	200	15			
		TPU + OR NBR	-30	100	2			
Wiper	WS-D32	PTFE bronze ... + OR NBR	-30	100	15		2500	double wiper
		PTFE bronze ... + OR FKM	-15	200	15			
		TPU + OR NBR	-30	100	2			
Wiper	WS-D33	PTFE bronze ... + OR NBR	-30	100	5		2500	double wiper
		PTFE bronze ... + OR FKM	-15	200	5			

Guiding elements



Product	Type	Materials	Temp.*		Speed* [m/s]	Contact pressure* [N/mm ²]	Remarks
			min	max			
Guide ring	GR-P10	PTFE bronze ...	-60	200	15	15	piston guide ring
		laminated fabric	-50	130	1	350	
		POM-glass	-30	110	1	35	
Guide ring	GR-R10	PTFE bronze ...	-60	200	15	15	rod guide ring
		laminated fabric	-50	130	1	350	
		POM-glass	-30	110	1	35	
Guide strip per roll	GS-10	PTFE bronze ...	-60	200	15	15	special surface structure chamfered edges
Guide strip precut	GS-11	PTFE bronze ...	-60	200	15	15	Precut shapes: diagonal (30°) straight (90°) Z-cut

* 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	Description	Type	Materials (dif Shoreh.)	Dimensions	Remarks
	Circlip	for shafts (A)	CR-10	spring steel stainless steel	DIN 471	
	Circlip	for bores (J)	CR-11	spring steel stainless steel	DIN 472	
	Circlip	for shafts (AS) heavy-duty design	CR-20	spring steel stainless steel	DIN 471	
	Circlip	for bores (JS) heavy-duty design	CR-21	spring steel stainless steel	DIN 472	
	Circlip	with lugs for shafts	CR-30	spring steel stainless steel	DIN 983	
	Circlip	with lugs for bores	CR-31	spring steel stainless steel	DIN 984	
	Circular wire circlip	for shafts (A)	CR-40	spring steel	DIN 7993	
	Circular wire circlip	for bores (B)	CR-41	spring steel	DIN 7993	
	Circlip	for roller bearings acc. to DIN 616	CR-50	spring steel	DIN 5417	
	Retaining ring		RR-10	spring steel stainless steel	DIN 6799	

