



**We supply seals. Worldwide! Promptly!**

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## Static Seals



O-Ring



X-Ring



Back up ring



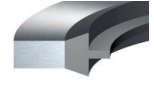
Profile seal  
acc. DIN 3869



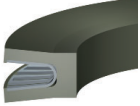
Hygienic seal



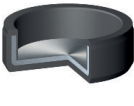
O-Ring cord



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

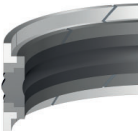


Springs

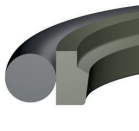


Shaft Repair Sleeve

## 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!**




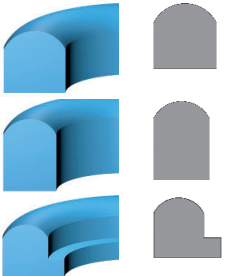

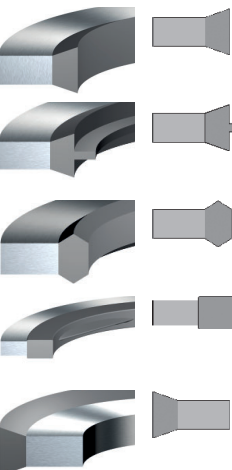
# Static Seals

	Product	Type	Description	Materials (various Shore hardnesses)	Dimensions	Remarks
<b>O-Ring</b>						
	O-Ring	<b>OR-10</b>	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	<b>OR-11</b>	FEP encapsulated	FKM / FEP encapsulated VMQ/ FEP encapsulated		
	O-Ring	<b>OR-12</b>	PTFE encapsulated	PTFE Elastomer core		
	O-Ring made from O-Ring cord	<b>OR-13</b>	glued	NBR, FKM, EPDM, VMQ		
	O-Ring made from O-Ring cord	<b>OR-14</b>	vulcanised	NBR, FKM, EPDM, VMQ		
<b>X-Ring</b>						
	X-Ring	<b>XR-10</b>		NBR, FKM, ...	AS 568	
<b>Back up ring</b>						
	Back up ring	<b>BR-10</b>	concave	NBR, FKM		
	Back up ring	<b>BR-11</b>	solid	PTFE, POM, PEEK, NBR, FKM, AU, (...)		
	Back up ring	<b>BR-12</b>	split	PTFE, POM, PEEK, NBR, FKM, AU, (...)		
	Back up ring	<b>BR-13</b>	spiral	PTFE		



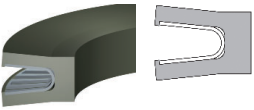
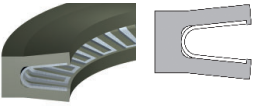
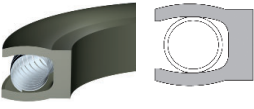
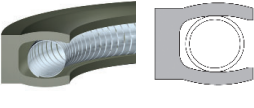
Our **anyseals** software has been especially adapted for trade with seals and ensures maximum transparency and depth of information for every product and order. Our **eShop** - with all its extras - is available for you at all times.

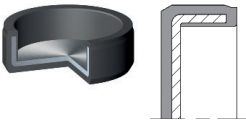
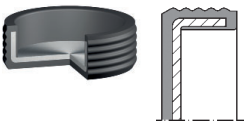
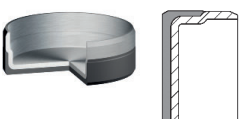
# Static Seals

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



# Static Seals

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

Product	Type	Materials	Temp.* [°C]	Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
			min	max	max	up to	
<b>Cover seal</b>							
	Cover seal	<b>CS-10</b> NBR	-30	100	0.05	600	smooth rubber OD
		FKM	-20	200	0.05		
	Cover seal	<b>CS-11</b> NBR	-30	100	0.05	600	ribbed rubber OD
		FKM	-20	200	0.05		
	Cover seal	<b>CS-12</b> NBR	-30	100	0.05	600	metal + smooth rubber OD, ribbed rubber OD possible
		FKM	-20	200	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
	<b>Flat ring/Washer</b>					
	Flat ring/Washer	<b>WR-10</b>	moulded	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	<b>WR-11</b>	tube cut	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	<b>WR-12</b>	stamped	NBR, FKM, EPDM, VMQ, (...)		
	Flat ring/Washer	<b>WR-13</b>	lathe cut	NBR, FKM, EPDM, VMQ, (...)		
	<b>D-Ring</b>					
	D-Ring	<b>WR-14</b>		NBR, FKM, EPDM, VMQ, (...)		
	<b>Square Ring</b>					
	Square Ring	<b>SR-10</b>		NBR, FKM, EPDM, VMQ, (...)		
	<b>Service Box</b>					
	O-Ring Cord Service Box	<b>SK-10</b>		NBR, FKM, EPDM, VMQ, (...)		
 	<b>Service Box</b>					
	O-Ring	<b>SK-20</b>	inch 1	NBR, FKM, EPDM, VMQ, (...)		
	Service Box	<b>SK-21</b>	inch 2			
		<b>SK-22</b>	inch 3			
		<b>SK-24</b>	metric 1			
		<b>SK-25</b>	metric 2			
		<b>SK-26</b>	metric 3			
	<b>SK-27</b>	metric 4				

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





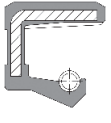

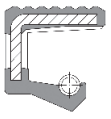
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**With you anywhere  
in the world.**

# Rotary Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range		Remarks		
			[°C]				[mm]				
			min	max	max	max	from	to			
<b>Oil seal</b>											
		Oil seal	<b>OS-A10</b>	NBR	-40	100	12	0.05	4	1000	standard design acc. to DIN 3760
					FKM	-25	200	35	0.05		
		Oil seal	<b>OS-A11</b>	NBR	-40	100	12	0.05	4	1000	standard design acc. to DIN 3760 with protective lip
					FKM	-25	200	35	0.05		
		Oil seal	<b>OS-A12</b>	NBR	-40	100	6	0	3		without spring
					FKM	-25	200	10	0		
		Oil seal	<b>OS-A13</b>	NBR	-40	100	6	0	4		without spring with protective lip
					FKM	-25	200	10	0		
		Oil seal	<b>OS-F10</b>	FKM	-25	200	35	0.05	4	1000	case fully covered (310-1000 mm airside fully covered only), spring 1.4301 standard design for FKM material
					NBR	-40	100	12	0.05		
		Oil seal	<b>OS-F11</b>	FKM	-25	200	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	-40	100	12	0.05		
		Oil seal	<b>OS-N21</b>	NBR	-40	100	10	1	8	300	pressure resistant with protective lip standard design
					FKM	-25	200	10	1		
		Oil seal	<b>OS-N34</b>	NBR	-40	100	10	1	8	300	pressure resistant
					FKM	-25	200	10	1		
		Oil seal	<b>OS-G10</b>	NBR	-40	100	12	0.05	4	1000	ribbed rubber OD
					FKM	-25	200	35	0.05		

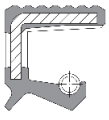








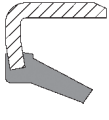



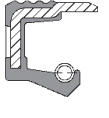


We have a global presence so we can offer our national and international customers the best support.

The **anyseals** headquarter is in **Merchtem near Brussels**. This is where our experts take care of inspections of incoming goods, quality assurance, storage, order processing and shipping.

We have a branch office in **Hamburg** especially for the German-speaking world. USA, Canada and Mexico are covered by our team in **Cleveland, Ohio**.

Our office in **Taiwan** handles distribution in East Asia and also guarantees the standard and quality of products through its direct links with our producers in the region.

# Rotary Seals

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range		Remarks	
			[°C] min	max			[mm] from	to		
<b>Oil seal</b>										
		<b>OS-G11</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	4	1000	ribbed rubber OD with protective lip
				-25	200	35	0.05			
		<b>OS-G12</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	3		ribbed rubber OD without spring
				-25	200	10	0			
		<b>OS-G13</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	4		ribbed rubber OD without spring with protective lip
				-25	200	10	0			
		<b>OS-B10</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	6	1000	standard design metal OD
				-25	200	35	0.05			
		<b>OS-B11</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	6	1000	metal OD with protective lip
				-25	200	35	0.05			
		<b>OS-B12</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	4		metal OD without spring
				-25	200	10	0			
		<b>OS-B13</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	4		metal OD without spring with protective lip
				-25	200	10	0			
		<b>OS-BG10</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	4	1000	metal + rubber OD
				-25	200	35	0.05			
		<b>OS-BG11</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	4	1000	metal + rubber OD with protective lip
				-25	200	35	0.05			

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

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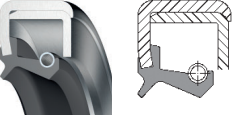




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**Simply shop better faster -  
the anyseals eShop**

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.

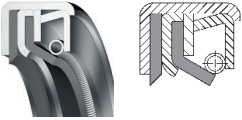
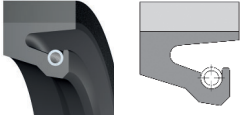





# Rotary Seals

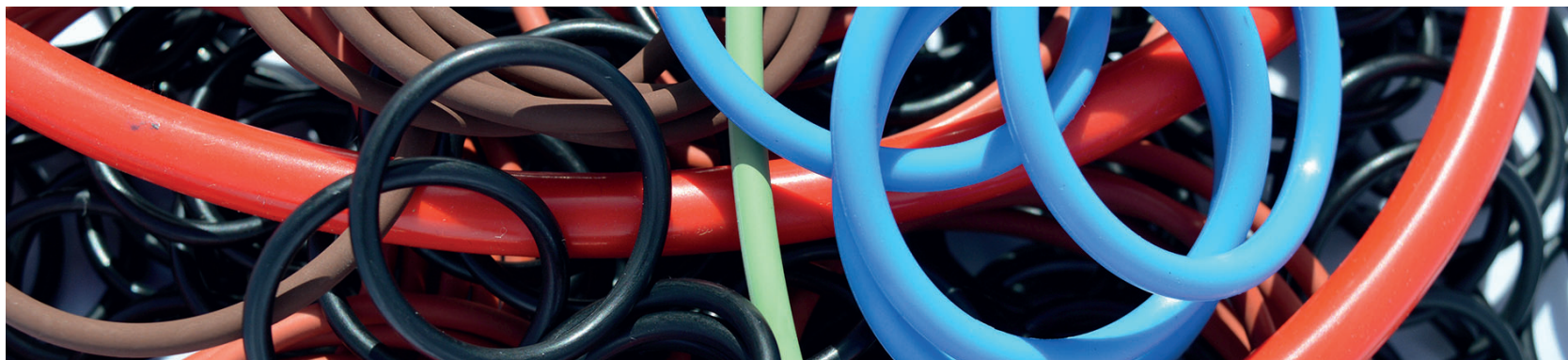
Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm]	Remarks		
			min	max						
<b>Oil seal</b>										
	Oil seal	<b>OS-C10</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	6	1000	standard design metal OD + reinforcement cap
				-25	200	35				
	Oil seal	<b>OS-C11</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	12	0.05	6	1000	metal OD + reinforcement cap with protective lip
				-25	200	35				
	Oil seal	<b>OS-C12</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	6		metal OD + reinforcement cap without spring
				-25	200	10				
	Oil seal	<b>OS-C13</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	6	0	6		metal OD + reinforcement cap without spring with protective lip
				-25	200	10				
	Oil seal	<b>OS-D10</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	5	0.02		1000	two sealing lips for separating two media
				-25	200	10				
	Oil seal	<b>OS-D15</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	5	0.02		1000	two sealing lips for separating two media
				-25	200	10				
	Oil seal	<b>OS-O18</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	100	10	0.05		1000	outside sealing
				-25	200	10				
	Oil seal	<b>OS-ST18</b>	NBR FKM VMQ, ACM, EPDM, HNBR, (...)	-40	80	7	0.05		300	cassette seal other designs available
				-25	100	9				
	Oil seal	<b>OS-PA31</b>	PTFE compounds stainless steel	-90	250	40	1	5	1200	clamped sealing lip pressure resistant non-mould production
	Oil seal	<b>OS-W10</b>	NBR FKM	-40	100	12	0.5 (optional 1)		1200	clamped sealing lip pressure resistant non-mould production
				-25	200	15				



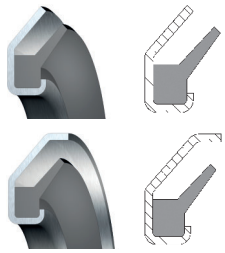
# Rotary Seals

Product	Type	Materials	Temp.* [°C]		Speed* [m/s] max	Pressure* [MPa] max	Range [mm]		Remarks	
			min	max			from	to		
<b>Oil seal</b>										
	Oil seal	<b>OS-W11</b>	NBR	-40	100	8	0.5 (optional 1)	45	1200	clamped sealing lip pressure resistant non-mould production
			FKM	-25	200	12	0.5 (optional 1)			
	Oil seal	<b>OS-Q10</b>	NBR + NBR-Fabric	-30	100	20	0.05		1200	OD made of rubber fabric for large-scale machines split version possible
			FKM + FKM-Fabric	-15	160	25	0.05			

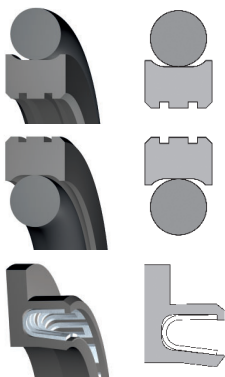
<b>V-Ring</b>										
	V-Ring	<b>VR-A10</b>	NBR	-40	100	8 (12)	0	3	1000	type A
			FKM (...)	-20	200	6 (10)	0			
	V-Ring	<b>VR-S10</b>	NBR	-40	100	8 (12)	0	5	199	type S
			FKM (...)	-20	200	6 (10)	0			
	V-Ring	<b>VR-L10</b>	NBR	-40	100	8 (12)	0	110	600	type L
			FKM (...)	-20	200	6 (10)	0			



# Rotary Seals



Product	Type	Materials	Temp.* [°C]		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] from to		Remarks
			min	max					
<b>Axial Seal</b>									
Axial seal	<b>AS-10</b>	NBR	-40	100	12	0	10	135	standard design
		FKM (...)	-25	180	12	0			
Axial seal	<b>AS-11</b>	NBR	-40	100	12	0	15	100	version with extended metal case
		FKM (...)	-25	180	12	0			



<b>Radial Seal</b>									
Radial seal	<b>RD-10</b>	PTFE carbon/graphite,(...)			2	30		2500	for rotating and oscillating movements inside sealing
		O-Ring: NBR	-30	100					
		O-Ring: FKM	-15	200					
Radial seal	<b>RD-11</b>	PTFE carbon/graphite,(...)			2	30		2500	for rotating and oscillating movements outside sealing
		O-Ring: NBR	-30	100					
		O-Ring: FKM	-15	200					
Radial seal	<b>RD-14</b>	PTFE carbon/graphite, (...)	-100	200	2	15		2500	with clamp flange high thermal and chemical resistance
		V-spring: 1.4310							

(...) 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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## 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
			[°C]				[m/s]	[MPa]	
			min	max	max	max	from	to	
<b>Springs</b>									
	Springs	<b>SG-10</b>	stainless steel SUS 316 / 1.4401						for oil seals, open
	Springs	<b>SG-11</b>	stainless steel SUS 316 / 1.4401						for oil seals, twisted up
<b>Shaft Repair Sleeve</b>									
	Shaft Repair Sleeve	<b>SL-10</b>	stainless steel 1.4301 (AISI 304)				12	203.2	counterface replacement for radial shaft seals

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

\* With regard to technical data, please also refer to our detailed product information on the internet.

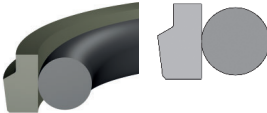
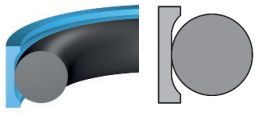
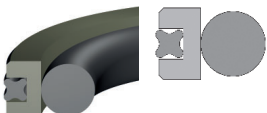
The specified maximum values may not appear in common.

**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

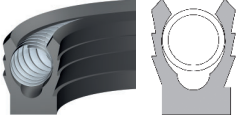

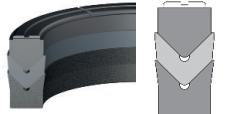

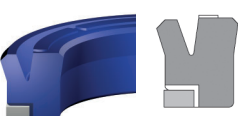
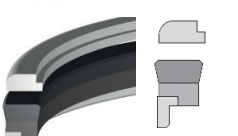
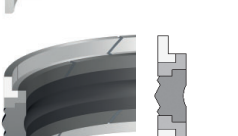

Product	Type	Materials	Temp.*		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks	
			min	max					
<b>Piston seal</b>									
	Piston seal	<b>PS-10</b>	PTFE bronze (...) + OR NBR	-30	100	15	40	2500	double acting
			PTFE bronze (...) + OR FKM	-15	200	15	40		
	Piston seal	<b>PS-11</b>	PTFE bronze (...)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

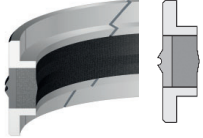
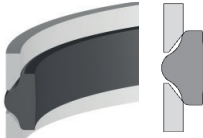
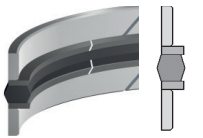



# Hydraulic Seals

	Product	Type	Materials	Temp.* [°C]		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
				min	max				
<b>Piston seal</b>									
	Piston seal	<b>PS-88</b>	PTFE compounds Spring: 1.4310	-150	250	10	25 (45)	2500	single acting
	Piston seal	<b>PS-89</b>	PTFE compounds Spring: 1.4310	-150	250	5	30	2500	single acting
	Piston seal	<b>PS-20</b>	NBR / Fabric + POM  FKM / Fabric	-30  -15	100  150	0.5  0.5	40  40	300	single acting
	Piston seal	<b>PS-72</b>	TPU NBR	-30/-40 -30	100 100	0.5 0.5	40 15	450 360	single acting
	Piston seal	<b>PS-65</b>	TPU + POM	-30	100	0.5	40	240	single acting
	Piston seal	<b>PS-33</b>	NBR + NBR/Fabric + POM	-30	100	0.5	50	200	single acting
	Piston seal	<b>PS-40</b>	NBR + TPE + POM (...)	-30	100	0.5	40	280	double acting
	Piston seal	<b>PS-42</b>	NBR + TPE + POM	-30	100	0.5	70	350	double acting



# Hydraulic Seals

Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
			min	max				
<b>Piston seal</b>								
 Piston seal	<b>PS-44</b>	NBR + NBR/Fabric + POM	-30	100	0.5	40	250	double acting
 Piston seal	<b>PS-45</b>	NBR + POM	-30	100	0.5	15	200	double acting
 Piston seal	<b>PS-53</b>	NBR + TPE + POM	-30	100	0.5	40	203.2	double acting
 Piston seal	<b>PS-50</b>	NBR (...)	-30	100	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* [m/s]	Pressure* [MPa]	Range [mm]	Remarks
				min	max				
<b>Rod seal</b>									
	Rod seal	<b>RS-10</b>	PTFE bronze (...) + OR NBR	-30	100	15	40	2500	double acting
			PTFE bronze (...) + OR FKM TPU + OR NBR	-15	200	15	40		
	Rod seal	<b>RS-11</b>	PTFE bronze (...) + OR NBR	-30	100	15	40	2500	single acting
			PTFE bronze (...) + OR FKM TPU + OR NBR	-15	200	15	40		
	Rod seal	<b>RS-12</b>	PTFE bronze (...) + OR NBR	-30	100	2	16	2500	double acting
			PTFE bronze (...) + OR FKM	-15	200	2	16		
	Rod seal	<b>RS-13</b>	PTFE compound (...) + OR NBR	-30	100	15	35	2500	double acting
			PTFE compound (...) + OR FKM	-15	200	15	35		
	Rod seal	<b>RS-87</b>	PTFE carbon/graphite (...) V-spring: 1.4310	-150	250	15	35	2500	single acting
	Rod seal	<b>RS-88</b>	PTFE compounds Spring: 1.4310	-150	250	10	25 (45)	2500	single acting
	Rod seal	<b>RS-89</b>	PTFE compounds Spring: 1.4310	-150	250	5	30	2500	single acting
	Rod seal	<b>RS-20</b>	NBR / Fabric + NBR + POM	-30	100	0.5	40	450	single acting
			FKM / Fabric + FKM	-15	150	0.5	40		

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




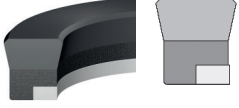


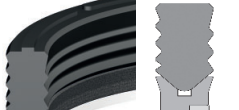


\* With regard to technical data, please also refer to our detailed product information on the internet.

The specified maximum values may not appear in common.



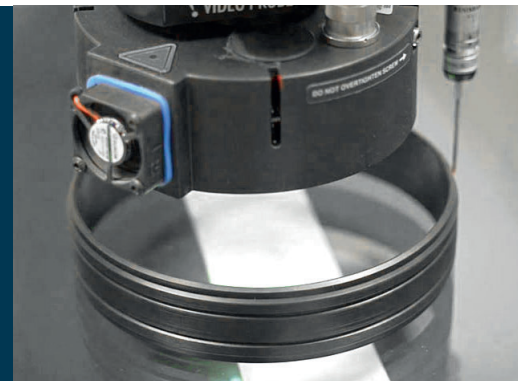


# Hydraulic Seals






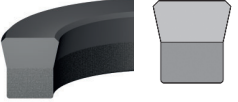
	Product	Type	Materials	Temp.* [°C]		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
				min	max				
<b>Rod seal</b>									
	Rod seal	<b>RS-72</b>	TPU	-30/-40	100	0.5	40	600	single acting
			NBR (...)	-30	100	0.5	15	245	
	Rod seal	<b>RS-73</b>	TPU	-30/-40	100	0.5	40	300	single acting
	Rod seal	<b>RS-76</b>	TPU	-30/-40	100	0.5	40	250	single acting
	Rod seal	<b>RS-31</b>	NBR + NBR/Fabric + POM	-30	100	0.5	40	230	single acting
	Rod seal	<b>RS-74</b>	TPU + POM	-35	100	0.5	40	380	single acting
	Rod seal	<b>RS-80</b>	TPU + POM	-40	100	0.5	40	150	single acting buffer seal
	Rod seal	<b>RS-32</b>	NBR + NBR/fabric (TPE) + POM	-30	100	0.5	70	260	single acting
	Rod seal	<b>RS-35</b>	TPU + NBR + POM	-30	100	0.5	63	340	single acting heavy duty
	Rod seal	<b>RS-36</b>	NBR + NBR/fabric	-30	100	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.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
				min	max				
<b>Rod and Piston seal</b>									
	Rod and Piston seal	<b>RP-70</b>	TPU	-30/-40	100	0.5	30	430	single acting
			NBR (...)	-30	100	0.5	15	500	
	Rod and Piston seal	<b>RP-75</b>	TPU	-40	100	0.5	40	250	single acting
	Rod and Piston seal	<b>RP-78</b>	TPU + NBR	-35	100	0.5	35	250	single acting
	Rod and Piston seal	<b>RP-69</b>	TPU + NBR	-35	100	0.5	35	250	single acting
	Rod and Piston seal	<b>RP-68</b>	TPU + NBR	-35	100	0.5	35	250	single acting
	Rod and Piston seal	<b>RP-30</b>	NBR + NBR/Fabric	-30	100	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.

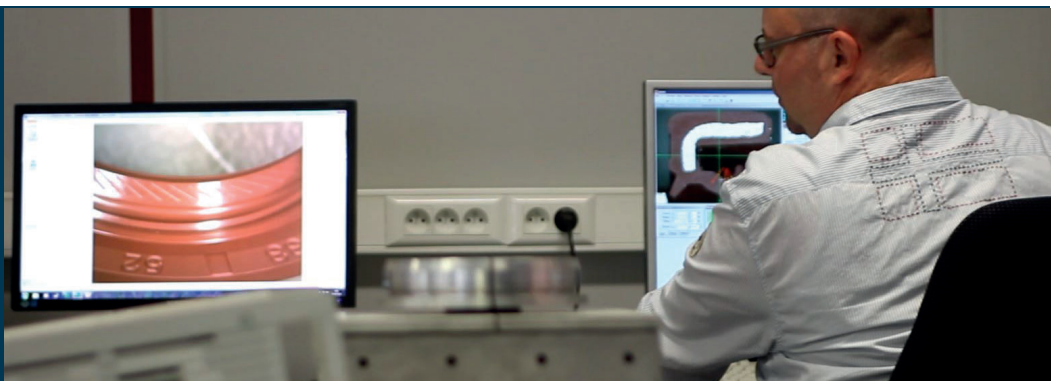
Our Quality Assurance Department is responsible for quality inspections on our seals. For incoming inspections we have a random sampling system in accordance to DIN ISO 2859-1 AQL 1,5 and outgoing inspections are performed according to customer specifications.

# Hydraulic Seals

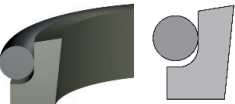
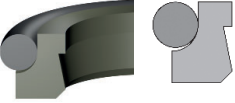
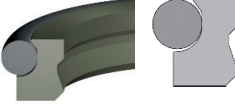
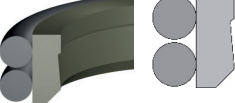


Product	Type	Materials	Temp.* [°C]		Speed* [m/s]	Pressure* [MPa]	Range [mm] up to	Remarks
			min	max				
	Wiper	WS-10	NBR	-30	100	1	250	single acting
				TPU (...)	-30	100		
	Wiper	WS-11	NBR	-30	100	1	180	single acting
				TPU (...)	-30	100		
	Wiper	WS-D14	NBR (...)	-30	100	1	500	double wiper
	Wiper	WS-D15	NBR	-30	100	1	250	double wiper
				TPU (...)	-30	100		
	Wiper	WS-20	NBR (...)	-30	100	1	300	single acting with metal case
	Wiper	WS-21	NBR	-30	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

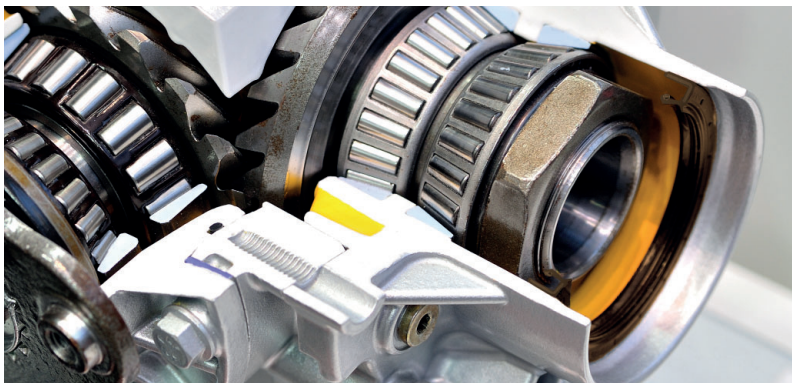
Following standardised and specified product characteristics are inspected:

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







# Hydraulic Seals

Product	Type	Materials	Temp.*		Speed* [m/s] max	Pressure* [MPa] max	Range [mm] up to	Remarks
			[°C] min	max				
	Wiper	<b>WS-30</b> PTFE bronze (...) + OR NBR	-30	100	15		2500	single acting
			-15	200				
			-30	100				
	Wiper	<b>WS-D31</b> PTFE bronze (...) + OR NBR	-30	100	15		2500	double wiper
			-15	200				
			-30	100				
	Wiper	<b>WS-D32</b> PTFE bronze (...) + OR NBR	-30	100	15		2500	double wiper
			-15	200				
			-30	100				
	Wiper	<b>WS-D33</b> PTFE bronze (...) + OR NBR	-30	100	5		2500	double wiper
			-15	200				
			-30	100				
	Wiper	<b>WS-17</b> TPE	-40	120	2		450	single acting
	Wiper	<b>WS-18</b> TPU	-30	100	1		200	single acting



**Extensive technical information:**

# Hydraulic Seals

	Product	Type	Materials	Temp.* [°C]		Speed* [m/s] max	Contact pressure* [N/mm <sup>2</sup> ] max		Remarks
				min	max				
<b>Guiding elements</b>									
	Guide ring	<b>GR-P10</b>	PTFE bronze (...)	-60	200	15	15		piston guide ring
			laminated fabric	-60	120	1	350		
			POM-glass	-30	110	1	35		
	Guide ring	<b>GR-R10</b>	PTFE bronze (...)	-60	200	15	15		rod guide ring
			laminated fabric	-60	120	1	350		
			POM-glass	-30	110	1	35		
	Guide strip per roll	<b>GS-10</b>	PTFE bronze (...)	-60	200	15	15		special surface structure chamfered edges diamond pattern
	Guide strip precut	<b>GS-11</b>	PTFE bronze (...)	-60	200	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
				[°C] min	max				
<b>Piston seal</b>									
	Piston seal	<b>PS-51</b>	NBR (...)	-30	100	1	1.6	400	double acting
	Piston seal	<b>PS-81</b>	NBR	-30	100	1	1.2	125	double acting
	Piston seal	<b>PS-85</b>	NBR	-30	100	1	1.2	320	single acting
			TPU	-30	80	1	1.6		
	Piston seal	<b>PS-86</b>	NBR	-30	100	1	1.2	320	single acting
			TPU	-30	80	1	1.6	160	
<b>Rod seal</b>									
	Rod seal	<b>RS-85</b>	TPU	-30	80	1	1.6	50	single acting combination seal/wiper
	Rod seal	<b>RS-86</b>	NBR + carbon steel	-30	100	1	1.6	50	single acting combination seal/wiper
	Rod seal	<b>RS-94</b>	NBR + TPE	-30	100	1	1.6	63	single acting combination seal/wiper
	Rod seal	<b>RS-95</b>	NBR	-30	100	1	1.2	16	single acting combination seal/wiper
			TPU	-30	80	1	1.6	30	
	Rod seal	<b>RS-93</b>	NBR	-30	100	1	1.2	40	Cushion seal
			TPU	-30	80	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	<b>CR-10</b>	for shafts (A) universal	spring steel, stainless steel	3	1000	DIN 471
Circlip	<b>CR-11</b>	for bores (J) universal	spring steel, stainless steel	8	1000	DIN 472
Retaining ring	<b>RR-10</b>	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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