

Dear our valuable customers,

We had been established in Japan as the maker of general seals under the title of Meiwa., Co, for 73 years since 1932 and in Indonesia for 10 years since 1995.










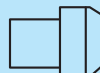


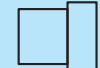


We have faith on the competitive price, best goods, and early delivery. Please bring up as brand of MEIWA in the world by support of each user in the future.

私共の会社は 1932 年創業以来 73 年間、明和の商標の下に全般のシールの製造業者として日本で営業致しております。
















私共 は 安い価格、良い品物、早い納期 を モットーに 販売しております。

どうぞ将来に各ユーザーの支援の下に世界の市場に大きく羽ばたく様に育って下さい。

















SPECIFICATION PRODUCT AND OTHER NAMES


















NO	NAMES OF MEIWA'S PRODUCT	OTHER NAMES (SAME OF PRODUCT)	PICTURE	Standart Material					Applicable liquid fluid
				RAW MATERIAL /PART ITEM	Service Range				
					Max. pressure Mpa {kgf / cm ² }	Max. speed (m / s)	Tempt (°C)		
1	BUFFER RING	SL, SL BUFFER		1 Nylon	With nylon as back up ring	28 (280)	0.3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Nitrille Rubber					
2	CUSSON RING	WRP, N 4 B (NYLON CREAM MILK), SRT, CURING		1 Fluon RA/ Nylon		35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
3	FIGA	-		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O-ring 1/2 (NBR)					
4	HBT-R	-		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O ring (NBR)					
5	HTM	HBT NOK TYPE		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O ring (NBR)					
6	KZM	SR, WRM TAPE RING, SLYD RING, CWR, KZT-SR, KZT		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
7	NCF A1	-		1 Fluon RA (2 Pcs)	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Rubber					
				3 White Nylon (2 pcs)	With nylon as back up ring				
8	NCF A0	-		1 Rubber		35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 White Nylon (2 pcs)	With nylon as back up ring				
9	RSR - O	ROD SEAL RING WITH O-RING		1 Fluon RA 2 O ring (Nitrille Rubber)	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
10	RSR - R	ROD SEAL RING WITH RUBBER		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Nitrille Rubber					
11	SPGA	-		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O ring (NBR)					
12	SPGM	SPGO		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O ring (NBR)					
13	SPN	SGR, STM-B, HBM S, SPNC		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Nitrille Rubber					
14	SPNM	SPN 0		1 Fluon RA	With fluon as back up ring	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 O ring (NBR)					
15	SGM-B	SPGW, SPGT, SGM		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Rubber					
				3 Black Nylon	With nylon as back up ring				

















Characteristic	Main Usage	Page
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	1
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaiaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	2
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	3
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	4
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	5
Most popular packings for hedraulik cylinder. Available for both piston and rods. Because they are suitable for installaiaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduce	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	7
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaiaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinder for robots.	10
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaiaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinder for robots.	11
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	12
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	13
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	14
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	15
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	16
Combined seal rings made of TEFLON (PTFE) with 0-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	17
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaiaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinder for robots.	18

16	SSM	STEP SEAL, E-RING, BUFFER SEAL, SSW, STEP WITH ORING		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 O ring (NBR)					
17	S T M	SPG, SGR, SG		1 Fluon RA	With fluon as back up ring	28 (280)	0.3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Nitrille Rubber					
18	TB ZIN 1	SEAL RING, TEFLUON RING		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
19	SLM	D-SEAL, GLYD RING, SLIPPER SEAL, SPGY, STM + O RING, GL, QRS, D-RING, SPG8D, SPG6D		1 Fluon RA	-	25 (250)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 O ring (NBR)					
20	HBTM	K TYPE, HBK BUFFER, BUFFER RING, KYB TYPE, HBTY, SBTYN KYB TYPE, HBTS, HBK		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Nitrille Rubber					
21	HNM	HBTZ, HBTY NEW TYPE, HBTM NEW		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Nitrille Rubber					
				3 Green Nylon					
22	ODM	ODI		1 Yellow Urethane	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
23	IDM	IDI		1 Yellow Urethane	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
24	LPM	LPI, LPIY, WIPPER, WPS		1 Yellow Urethane	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
25	DSM	DSI		1 Yellow Urethane	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
26	UPM	UPI, USI		1 Yellow Urethane	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
27	ROM	ROL, SQUARE RING, RIO, PU SEAL, POL, ROI		1 Yellow Urethane	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
28	SPNRM	SPNRI		1 Blue Urethane	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White Nylon (Rilsan)					
29	LBM	LBI		1 Yellow Urethane	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
30	HBI	-		1 Yellow Urethane	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions

Combined seal rings made of TEFLON (PTFE) with O-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	21
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	23
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaing in the one piece groove, it makes it possible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	28
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	29
Combined seal rings made of TEFLON (PTFE) with O-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	32
Combined seal rings made of TEFLON (PTFE) with O-(square) ring made of synthetic rubber. Small friction resistance. No stick slip even at low pressure and low temperature.	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	34
Exclusively for piston or rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	36
Exclusively for piston or rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	38
Exclusively forr rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	41
Exclusively forr rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Small diameter cylinders.	43
Exclusively for piston or rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	44
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	49
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	50
Exclusively forr rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	51
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	53

31	HBM	HBY, HBM-B		1 Yellow Urethane	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White/Black Nylon					
32	DWM-B	DKM KYB, DWLB, DKM TYPE-B, DWKB-B		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
33	DWM-A	DWI		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
34	DKBM	DKBI, DBMI		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
35	DKBM -B	DKBY		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
36	DLM	DLI		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
37	PPM	PPY		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
38	DKM	DKI		1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel ring					
39	IDH	-		1 Rubber	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
40	ODH	-		1 Rubber	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
41	UPH	-		1 Rubber	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
42	EKM	UKH		1 Rubber	With nylon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White/Black Nylon					
43	DKBH	DKB, DBM		1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Steel Ring					
44	IUH	IUY		1 Rubber	With fluon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White Nylon					
45	LBH	-		1 Rubber	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
46	OHM	-		1 Rubber	With nylon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White Nylon					

47	CUP SEAL	-		1 Rubber	With nylon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 White Nylon					
48	OKY	OUY		1 Urethane		21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Black Nylon	With nylon as back up ring				
49	OUM	OUY		1 Rubber		21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Ring White Nylon	With nylon as back up ring				
50	WRM	WEARING, WR		1 Cotton Cloth 3. Resin	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
				2 Acetone 4. Methanol					
51	P	-		1 Fluon G 340	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
52	G	-		1 Fluon G 340	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
53	BRT	-		1 Fluon G 340	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
54	S R	SUPPORT RING		1 Fluon G 340	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
55	TR - 2R	-		1 Fluon Glass	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
56	DR - TG	DUST RING		1 Fluon Glass	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
57	BNGN	BRT Nylon (Green)		1 Green Nylon	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
58	BNGY	BRT Nylon (Grey)		1 Grey Nylon	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
59	BBT	BRT BRONZE TEFLUON		1 Fluon RA (Bronze)	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
60	ISM	ISI		1 Urethane	With teflon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
61	OSM	OSI		1 Urethane	With teflon as back up ring	21 (210)	0.5	-45~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
62	BTG	GLASS RING		1 Tefluon Glass	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions
63	WR-GY	RING		1 Nylon	-	35 (350)	3	-30~100	Use mineral oil Use water polyglycol solutions Use water in oil emulsions

64	YOM	YOI , SPTM-C		1 Yellow Urethane	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Fluon RA					
65	BRN	BRY		1 Black Nylon	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
66	DSN	TFW		1 Black Nylon	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
67	KZM-Z	-		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
68	TR-SC	-		1 Fluon RA	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
69	DSML	-		1 Yellow Urethane	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
70	SPNRT	-		1 Fluon RA	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Yellow Urethane					
71	DKBM-S			1 Yellow Urethane	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Steel ring					
72	RB TG			1 White Fluon	-	28 (280)	0.3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Rubber					
73	IHM B			1 Rubber	-	21 (210)	0.5	-45~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 White Nylon					
74	DBH			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Steel ring					
75	UPM-X			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Urethane					
76	UPM-O			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Urethane					
77	SPNC			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 Fluon RA					
78	OUM-A			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 White Nylon					
79	OUM-B			1 Rubber	-	35 (350)	3	-30~100	Use mineral oil Use water polyglical solutions Use water in oil emulsions
				2 White Nylon					

Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	129
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Cylinder for general industrial machines. Special cylinders. Rotating join	130
Exclusively for piston or rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Cylinder for general industrial machines. Special cylinders. Rotating join	131
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	132
Most popular packings for hedraulik cylinder. Available for piston. Because they are suitable for installaing in the one piece groove, it makes it posible to reduce the number of parts ittems and to make a compact design, resulting in reduced costs,	Cylinder for general industrial machines. Cylinder for construction machines. Cylinder for special use	133
Exclusively forr rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Small diameter cylinders.	134
Abundand size listed for general use. Used for rotating joints. exclusively for rods. High sealing performance and high durability	Cylinder for general industrial machines. Special cylinders. Rotating join	135
Exclusively forr rods. Compatible with UPM-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the urethan hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	136
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Exclusively for piston or rods. Compatible with UPH-Packings regarding the groove. Suitable for use at -45 c to +100C .So it is unnecesary to replace packings even if spesified for domestic or international cold districk. Desaingd hard to cause stik slip. As the rubber hardness emphasize cold resistane, be carreful when using under high pressure or high frequency.	Standart cylinder. Cylinder for construction and industrial vehicles. Cylinders for robots.	138
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