

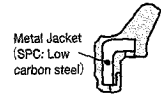
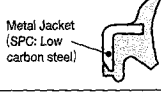




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







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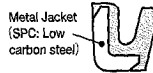
Wipers

Product name Application	Profiles (Left section)	Material codes	Standard Material			Operating fluid
			Pressure MPa (kgf/cm ²)	Max. speed (m/s)	Temperature range (°C)	
SCK-Wipers Rod wipers		RN814	—	1	-45~100	Mineral oils Mineral oils for low temperature applications
SDR-Wipers Rod wipers		RN906 (RF905)	—	1 (0.5)	-25~100 (-5~150)	Mineral oils Water polyglycol solutions Water-in-oil emulsions (Mineral oils Phosphoric ester)
SDB-Wipers Rod wipers		RN819 (RF903)	—	1	-25~100 (-5~150)	Water soluble cutting oil Cutting oil of sulfide lines Industrial water (Cutting oil of chloride lines)
SCB-Wipers Rod wipers		RN807	—	1	-40~100	Mineral oils Water polyglycol solutions Water-in-oil emulsions (Mineral oils Phosphoric ester)
SER-Wipers Rod wipers		RN906 (RF905)	—	0.5	-25~100 (-5~150)	Mineral oils Water polyglycol solutions Water-in-oil emulsions (Mineral oils Phosphoric ester)
SFR-Wipers Rod Wipers		RN912	—	1	-30~100	—

Wear rings & Bearings

SW-Wear Rings Piston wear rings		PB201	—	3	-55~120	Mineral oils Mineral oils for low temperature applications Phosphoric ester
SWA-Wear Rings Piston wear rings		PB201	—	3	-55~120	
SWB-Wear Rings Piston wear rings		PB251	—	3	-55~120	
S-LEEVE® (WPB type) Piston bearings		PN104	21 {210}	1	-25~80	Mineral oils Water polyglycol solutions Water-in-oil emulsions Phosphoric ester
S-LEEVE® (WRB type) Rod bearings		PN104	21 {210}	1	-25~80	
PWL-Bearings Piston bearings		PN104	21 {210}	1	-25~80	

Cushion Seals

PCS-Cushion Seals		RN803 (RF903)	1 {10}	0.5	-5~80 (-5~150)	
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● For the material codes, the temperature ranges and applicable fluid specified in ()

Pneumatic packings

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Product name	Profiles (Left section)	Standard Material			Characteristics	
		Material codes	Service range			
Application			Pressure MPa (kgf/cm ²)	Max. speed (m/s)	Temperature range (°C)	
PGY-Packings		RN713 (RF905)	1 {10}	1	-25~80 (-5~150)	Improved wear resistant packings are PGY piston packings & PNY rod packings. Stable sealing performance is obtainable in lubricated, non-lubricated and dry air systems.
Piston packings						
PNY-Packings		RN713 (RF905)	1 {10}	1	-25~80 (-5~150)	
Rod packings						
GLY-Packings		RK701 (RF905)	1 {10}	1	-25~70 (-5~150)	GLY-packings are applicable to pneumatic pistons & rods in non-lubricated air supply systems, while inapplicable to lubricated cylinders.
Piston & rod packings						
PPD-Packings		RN729	1 {10}	1	-20~80	PPD-packings are double acting piston packings compatible with the grooves for the PSD-packings. Sealing performance of PPD-packings sustains unchanged despite of large eccentric movement of the pistons. Moderate durability and fair friction characteristics.
Piston packings						
PSD-Packings		RN713 (RF704)	1 {10}	1	-20~80 (-5~150)	PSD-packings are the world best selling double acting pneumatic piston packings. The profile of the PSD-packings is compact and designed to provide outstanding friction properties. Unlike O-rings, PSD-packings resist twisting or rolling.
Piston packings						
PDU-Packings		RN818 (RF905)	1 {10}	1	-20~80 (-5~150)	PDU-packings, the one-piece packing & wiper, allow compacter cylinder designs.
Rod packings						
Mini Y-Packings MYA·MYN		MYA RK703	0.8 {8}	0.4	-25~70	Compatible with the grooves for O-rings specified by JIS B2401 P-line, Mini Y-packings are ideal U-packings for cylinders of small cross sectional area. Mini Y-packings are suitable for the applications where low friction resistance is essential such as solenoid valves.
Piston & rod packings		MYN RN716				
MYP-Packings		RN722	1 {10}	0.5	-20~60	MYP-packings are applicable to small diameter pistons. Likewise Mini Y Packings, they are compatible with the grooves for O-rings specified by JIS B2401 P-line. By adopting the slit structure of the lip part to avoid back pressure and inverted setting and high wear resistant properties, they provide stable sealing properties.
Piston packings						
MYR-Packings		RN818	1 {10}	0.5	-15~60	MYR-packings are applicable to small diameter rods. Likewise Mini Y Packings, they are compatible with the grooves for O-rings specified by JIS B2401 P-line. By adopting an improved wear resistant material, they provide long and stable sealing properties despite of the small cross sectional size.
Rod packings						
PPY-Packings		RN713 (RF704)	1 {10}	1	-20~80 (-5~150)	Improved wear resistant PPY piston packings & PRY rod packings are applicable to miniature cylinders. Greater abrasion resistance with superior friction properties is obtainable, comparing with O-rings.
Piston packings						
PRY-Packings		RN713 (RF704)	1 {10}	1	-20~80 (-5~150)	
Rod packings						
Grid-Surface Gaskets®		RN917 RD911	1 {10}	—	-30~80	Unique and deep grid pattern of Grid-Surface Gaskets® minimizes protrusion of the gasket sheet when squeezed in the assembly process enabling to provide optimum sealing performance.
Rubber sheet gaskets						

Hydraulic packings

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Product name	Profiles (Left section)	Standard Material				Operating fluid
		Material codes	Service range			
Application			Max. pressure MPa (kgf/cm ²)	Max. speed (m/s)	Temperature range (°C)	
GPY-Packings Piston packings		RN919	Clearance of extrusion H9/f8	17.5 {175}	1	-30~100
			w/Back-up ring	25 {250}	0.5	
GNY-Packings Rod packings		RN919	Clearance of extrusion H9/f8	17.5 {175}	1	-30~100
			w/Back-up ring	25 {250}	0.5	
RGY-Packings Piston packings		RN923	Clearance of extrusion H9/f8	14 {140}	1	-25~100
			w/Back-up ring	21 {210}	0.5	
RNY-Packings Rod packings		RN922	Clearance of extrusion H9/f8	14 {140}	1	-25~100
			w/Back-up ring	21 {210}	0.5	
Ⓡ SGY-Packings Piston packings		RN812	w/Back-up ring	21 {210}	0.5	-45~100
Ⓡ SNY-Packings Rod packings		RN809	w/Back-up ring	21 {210}	0.5	-45~100
SKY-Packings Piston & rod packings		RN906 (RF905) (RF907)	Clearance of extrusion H9/f8	14 {140}	1 (0.5)	-10~80 (-5~150)
			w/Back-up ring	21 {210}	0.5	
KY-Packings Piston & rod packings		RN906 (RF905) (RF907)	Clearance of extrusion H9/f8	15 {150}	1 (0.5)	-10~80 (-5~150)
			w/Back-up ring	30 {300}	0.5	
RGU-Packings Piston packings		RN923	Clearance of extrusion H9/f8	14 {140}	1	-25~100
			w/Back-up ring	21 {210}	0.5	
HSD-Packings Piston packings		RN906	Clearance of extrusion H9/f8	14 {140}	1	-10~80
			w/Back-up ring	21 {210}	0.5	
PENTA®-Seals PS Rod packings		RN906 (RF905)	Clearance of extrusion H9/f8	14 {140}	0.5	-10~80 (-5~150)
			w/Back-up ring	21 {210}		
NMY-Packings Rod packings		RN906	Clearance of extrusion H9/f8	14 {140}	0.5	-10~80
			w/Back-up ring	21 {210}		
STR-Seals Piston seals		PT151	Rotation & oscillating movements	28 {280}	0.3	-30~100
ST-Seals Piston seals		PT111	Reciprocating movement	25 {250}	3	-30~100
SMJ-Seal Piston seals		PT154	Clearance of extrusion 0.6mm in dia.	21 {210}	3	-30~100
			Clearance of extrusion 0.3mm in dia.	35 {350}		

Mineral oils
Water polyglycol solutions
Water-in-oil emulsions

Mineral oils
Mineral oils for low temperature applications
⚠ Do not use MIL H 5606 oils

Mineral oils
Water polyglycol solutions
Water-in-oil emulsions
(Mineral oils
Phosphoric ester)