



Compression Packing

Seal Innovations has over 25 years of experience with rings sets for heavy duty slurry pumps. From the many styles of packing available, our application knowledge and field testing has allowed us to consolidate down to four styles of ring sets.

Our P4 selection of packing styles will provide reliable gland sealing for most heavy-duty slurry applications. When installed in accordance with our installation and pump start up procedures, our customers have experienced up to 40% improvement in packing life.

AUSTRALIA

sealinnovations.com.au

NSW

Chullora ^{HO}

02 9947 9200
chullora@sealinnovations.com.au

Sydney ^{CS} ^{MA}

02 9838 4033
sydney@sealinnovations.com.au

Newcastle ^{CS}

02 4968 6600
newcastle@sealinnovations.com.au

QLD

Eagle Farm ^{GP}

07 3213 5300
gasketsales@sealinnovations.com.au

Brisbane ^{CS} ^{MA} ^{ME} ^{PR}

07 3711 4004
brisbane@sealinnovations.com.au

Chinchilla ^{CS} ^{PR}

07 4665 5355
chinchilla@sealinnovations.com.au

Townsville ^{CS}

07 4774 3756
townsville@sealinnovations.com.au

VIC

Melbourne

03 9545 7200
melbourne@sealinnovations.com.au

SA

Adelaide

08 8168 1000
adelaide@sealinnovations.com.au

WA

Perth

08 9470 2377
perth@sealinnovations.com.au

NEW ZEALAND

sealinnovations.co.nz

Auckland ^{CS}

09 636 5239
auckland@sealinnovations.co.nz

Christchurch ^{CS} ^{ME}

03 341 8043
christchurch@sealinnovations.co.nz

Dunedin ^{CS}

03 479 2484
dunedin@sealinnovations.co.nz

Hamilton

07 847 4439
hamilton@sealinnovations.co.nz

Wellington

04 566 6754
wellington@sealinnovations.co.nz

^{HO} Head Office
^{CS} Counter Sales
^{GP} Counter Sales

^{MA} Machine Shop
^{ME} Mechanical Seal Servicing
^{PR} Pump Repair Workshop

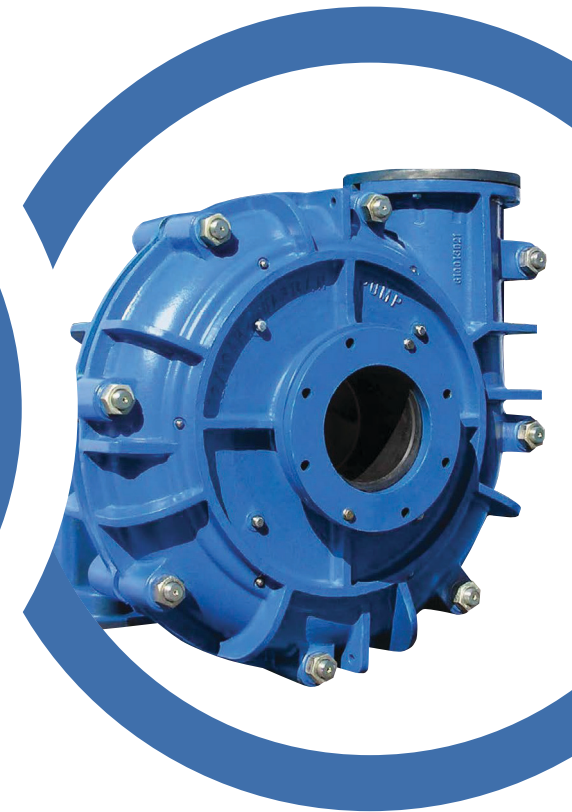
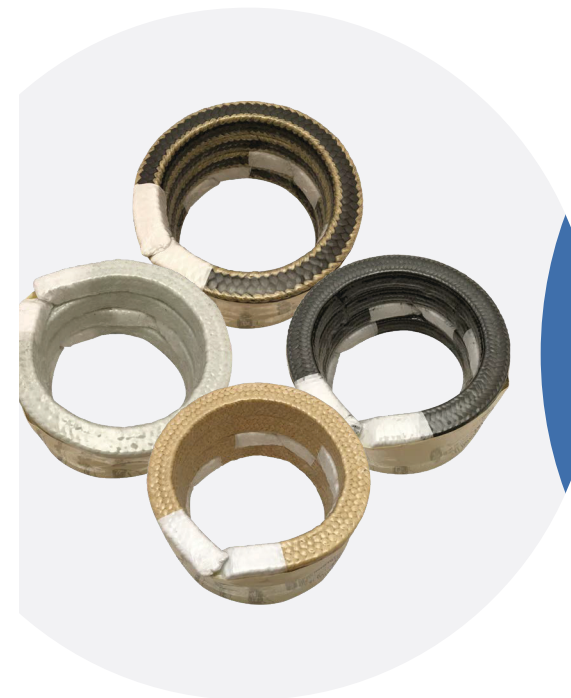


WE ARE MOTION.



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P4 RING SETS TO SUIT HEAVY DUTY SLURRY PUMPS



Keeping Industry Moving

P4 RING SET SPECIFICATIONS



PUMP SIZE	SILPAK03	SILPAK04	SILPAK05	SILPAK06	EXTRACTION TOOLS	TAMPING TOOL
20A-L	WRSSP03001	WRSSP04001	WRSSP05001	WRSSP06001	07-1C	-
1.5/1 B-AH	WRSSP03002	WRSSP04002	WRSSP05002	WRSSP06002	07-2C	SILTAMP-01
2/1.5 B-AH	WRSSP03002	WRSSP04002	WRSSP05002	WRSSP06002	07-2C	SILTAMP-01
3/2 C-AH	WRSSP03003	WRSSP04003	WRSSP05003	WRSSP06003	07-2C	SILTAMP-01
4/3 C-AH	WRSSP03003	WRSSP04003	WRSSP05003	WRSSP06003	07-2C	SILTAMP-01
4/3 D-AH	WRSSP03004	WRSSP04004	WRSSP05004	WRSSP06004	07-3C	SILTAMP-02
6/4 D-AH	WRSSP03004	WRSSP04004	WRSSP05004	WRSSP06004	07-3C	SILTAMP-02
8/6 E-AH	WRSSP03005	WRSSP04005	WRSSP05005	WRSSP06005	07-3C	SILTAMP-03
8/6 F-AH	WRSSP03006	WRSSP04006	WRSSP05006	WRSSP06006	07-4C	SILTAMP-04
10/8 F-AH	WRSSP03008	WRSSP04008	WRSSP05008	WRSSP06008	07-4C	SILTAMP-05
12/10 F-AH	WRSSP03008	WRSSP04008	WRSSP05008	WRSSP06008	07-4C	SILTAMP-05
14/12 G-AH	WRSSP03008	WRSSP04008	WRSSP05008	WRSSP06008	07-4C	SILTAMP-05
16/14 TU-AH	WRSSP03009	WRSSP04009	WRSSP05009	WRSSP06009	07-4C	SILTAMP-05

P4 Ring Set Styles



SILPAK03

Diagonally braided from textured glass-fibre yarn, impregnated throughout with PTFE-dispersion and a break-in lubricant. Recommended for use in heavy duty slurry applications for pumps up to 3 stages. Industries include mining, mineral processing, pulp and paper, and food industry. Also suitable for sugar mills and water treatment plants.



SILPAK04

Diagonally braided from expanded PTFE yarns, infused with graphite and lubricated with silicone oil. Seals with low gland stress which results in reduced shaft wear. Recommended for use in most pump applications except where there is high pressure or highly abrasive media. Can be used for most chemical applications such as oils, caustics, solvents, acids, hydrocarbons, and alkalies. Not suitable for highly oxidizing media such as oleum, fuming nitric acid, potassium chlorate, aqua regia, lacquer and paints.



SILPAK05

Diagonally braided from expanded PTFE yarns, infused with graphite, reinforced with para aramid fibre corners and silicone oil lubrication. SILPAK05 offers the low sealing stress capability and low shaft wear characteristics of SILPAK04, and the extrusion resistance of SILPAK06 under high pressures. Multi-purpose packing recommended for difficult sealing applications with high pressures or abrasive media. Combines high mechanical strength with good chemical resistance and thermal stability.



SILPAK06

Diagonally braided from para aramid fibres, infused with PTFE dispersent. Extremely tough and durable packing, resilient with low thermal expansion, low coefficient of friction and wide chemical resistance. Recommended for use in most rigorous pump applications where high pressure and abrasion and extrusion resistance is required. Can be used for most chemical applications such as oils, caustics, solvents, acids, hydrocarbons, and alkalies. Industries include mining, mineral processing, pulp and paper.

CAPABILITIES	
Temperature	-40°C ~ 280°C
Pressure Rating	150 BAR
Surface Speed	12 M/S
pH Range	2 ~ 12

CAPABILITIES	
Temperature	-200°C ~ 280°C
Pressure Rating	120 BAR
Surface Speed	25 M/S
pH Range	0 ~ 14

CAPABILITIES	
Temperature	-150°C ~ 280°C
Pressure Rating	120 BAR
Surface Speed	12 M/S
pH Range	1 ~ 13

CAPABILITIES	
Temperature	-100°C ~ 280°C
Pressure Rating	400 BAR
Surface Speed	15 M/S
pH Range	1 ~ 13

All manufacturers names, symbols and descriptions on this pamphlet are used for reference purposes only, and it is not implied that any units or parts listed is the product of these manufacturers. Service capabilities are for guidance only. Product performance is dependent on many factors, including materials and operating conditions. Never use the product when the maximum temperature and pressure are combined. If in doubt, consult Seal Innovations.



Instructional video for packing installation

Include a link the brochure to our YouTube instructional video for packing installation. A QR code below links to the video.