

FOR SLURRY SEALING



DESIGN BENEFITS

- Interchangeable key parts
- Hydraulically-balanced running face design
- Premium materials for demanding applications
- Available with John Crane Diamond® Technology



PRODUCT DESCRIPTION

- Problems common to sealing slurry process fluids, such as excessive face wear, atmosphere build-up of solids, and lack of flush water seal support, cost you time and money. John Crane slurry seals tackle volume and abrasive environments, providing options that will ensure optimum machine performance and reduce your total cost of ownership.

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In these premium-material designs, the seal face provides maximum stability and minimum heat generation under adverse conditions, optimizing performance with maximum seal face life and lubrication, outperforming conventional materials.

Seal Type	Arrangement	Applications	Pressure	Temperature	Speed	Size	Clog-resistant	Flush required
5840	Single	General mining	21 barg/ 300 psig	75°C/167°F (w/o quench) 120°C/248°F (with quench)	15 m/s/ 50 fps	35 mm to 220 mm/ 1.378" to 8.661"	X	X
5860	Single/Dual	Harsh abrasive slurry environments	25 barg/ 360 psig	80°C/180°F (w/o quench) 200°C/400°F (with quench)	20 m/s/ 65 fps	28 mm to 235 mm/ 1.125" to 9.250"	X	
5870	Single	All paper stock consistencies and light slurry applications	21 barg/ 300 psig	-40° to 150°C/ -40° to 300°F	11 m/s/ 36 fps	35 mm to 106 mm/ 1.375" to 4.312"	X	

Together, we will work with you to keep your mission-critical operations up and running, with support and guidance from our experienced team.



North America
United States of America
Tel: 1-847-967-2400

Europe
United Kingdom
Tel: 44-1753-224000

Latin America
Brazil
Tel: 55-11-3371-2500

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800

Asia Pacific
Singapore
Tel: 65-6518-1800

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO14001 Certified, details available on request.