



CUSTOM MECHANICAL SEALS



A Custom Solution Mechanical Seal to Protect Your Unique Application

Polywater | Hauff-Technik PHRD provides end users with custom solutions for their unique applications. Power cables, control cables, busbar and pipes can all be sealed. PHRD offers an optimal solution for sealing conduits to meet NEC and NESC codes. Mechanical seals are an excellent option in environments with post installation movement, vibration, high water pressure, or where negative pressure must be maintained.



FEATURES AND BENEFITS

- **DURABLE**
Materials resist corrosive environments and rodent infestation
- **SOLID DESIGN**
0.197" (5 mm) stainless steel pressure plates
- **RELIABLE**
Gastight and watertight performance guaranteed (10-year warranty). Water head pressure of 36 psi (2.5 bar)
- **EASY INSTALLATION**
One-piece split design for new or installed cables/pipes
- **FLEXIBLE OPTIONS**
EDPM, NBR, Silicone, or KTW rubbers available

Polywater | Hauff-Technik—PHRD Custom Mechanical Seals



PHRD have plugs in each opening, offering the flexibility to use one or all of the custom cable/pipe openings.

MAX CABLE/PIPE OD FOR CONFIGURATIONS						
Product Name	Inch Nominal Size	1 Opening	2 Openings	3 Openings	4 Openings	More Openings
PHRD-1.5*	1.5	0.591 in (15 mm)*	0.433 in (11 mm)*	0.394 in (10 mm)*	0.815 in (8 mm)*	Available
PHRD-2.0*	2.0	1.024 in (26 mm)*	0.630 in (16 mm)*	0.551 in (14 mm)*	0.472 in (12 mm)*	Available
PHRD-2.5*	2.5	1.417 in (36 mm)*	0.827 in (21 mm)*	0.748 in (19 mm)*	0.650 in (16.5 mm)*	Available
PHRD-3.0*	3.0	2.087 in (53 mm)*	1.142 in (29 mm)*	1.063 in (27 mm)*	0.709 in (18 mm)*	Available
PHRD-3.5*	3.5	2.520 in (64 mm)*	1.378 in (35 mm)*	1.260 in (32 mm)*	0.984 in (25 mm)*	Available
PHRD-4.0	4.0	2.992 in (76 mm)	1.614 in (41 mm)	2.24 in (37 mm)	1.260 in (32 mm)	Available
PHRD-5.0	5.0	3.976 in (101 mm)	2.087 in xxs (53 mm)	1.929 in (49 mm)	1.693 in (43 mm)	Available
PHRD-6.0	6.0	4.921 in (125 mm)	2.598 in (66 mm)	2.362 in (60 mm)	2.087 in (53 mm)	Available
PHRD-8.0	8.0	6.732 in (171 mm)	3.583 in (91 mm)	3.307 in (84 mm)	2.913 in (74 mm)	Available
PHRD-10.0	10.0	8.425 in (214 mm)	4.567 in (116 mm)	4.213 in (107 mm)	3.740 in (95 mm)	Available
ANY SIZE		Mechanical seals can be manufactured for any size conduit/hole ID				Available



IMPORTANT note: NEC — Suitable for use in the following Hazardous Locations: Class I, Division 2 per NEC 501.10(B)(4)
*Asterisk indicates seals tested and certified by UL. All seals were manufactured with EPDM.



polywater-haufftechnik.com | polywater.com

IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from a product's use, regardless of the legal theory asserted.

© 2021 American Polywater Corporation (08/21) LIT-PHRDFLYER/REV000

Polywater®
Solutions at work.

American Polywater Corporation
11222 60th Street N.
Stillwater, MN 55082 USA

+1 651-430-2270
+1 800-328-9384 Toll Free
+1 651-430-3634 Fax
email: support@polywater.com