

Magnus Pinpoint Injection(PPI) Packer

The Magnus Pinpoint Injection (PPI) packer is a retrievable, treating, straddle packer that features 1-ft spacing between packer elements. This spacing helps to ensure that the maximum number of perforations within a long producing interval can be broken down to accept stimulation fluids uniformly. Once the entire zone has been broken down individually, a massive treatment can be performed more effectively.

*1ft spacing can be changed as per customer requirement.

Product Specifications:-

| Casing Size in. | Packer Main Body OD in. (cm) | Packer ID in. (cm) | End Connections | Nominal Casing Weight lb/ft | Minimum Casing ID in. (mm) | Maximum Casing ID in. (mm) | Length in. (cm) | Tensile Rating* lb (kg) | Burst Rating* psi (MPa) | Collapse Rating* psi (MPa) |
|-----------------|------------------------------|--------------------|--|-----------------------------|----------------------------|----------------------------|-----------------|-------------------------|-------------------------|----------------------------|
| 4 | 3.18 (8.08) | 0.805 (2.04) | 2 11/16 in. 10 UNS x 2 3/8 in. 8 Rd EU | 9.5 - 11.6 | 3.428 (87.07) | 3.548 (90.12) | 68.70 (174.50) | 74,000 (33 566) | 10,000 (68.95) | 15,000 (103.42) |
| 4 1/2 | 3.89 (9.88) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 3/8 in. 8 Rd EU | 9.5 | 4.090 (103.85) | 4.154 (105.51) | 69.91 (177.57) | 77,100 (34 972) | 14,400 (99.28) | 10,200 (70.33) |
| | 3.75 (9.53) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 3/8 in. 8 Rd EU | 11.6 - 13.5 | 3.920 (99.57) | 4.000 (101.60) | 69.91 (177.57) | 77,100 (34 972) | 14,400 (99.28) | 10,200 (70.33) |
| 5 | 4.25 (10.79) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 7/8 in. 8 Rd EU | 11.5 - 13 | 4.494 (114.15) | 4.670 (118.62) | 66.13 (167.97) | 84,700 (38 419) | 12,900 (88.94) | 9,800 (67.57) |
| | 4.06 (10.31) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 7/8 in. 8 Rd EU | 15 - 18 | 4.276 (108.61) | 4.408 (111.96) | 66.39 (168.63) | 84,700 (38 419) | 10,800 (74.46) | 9,800 (67.57) |
| | 3.89 (9.88) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 3/8 in. 8 Rd EU | 21.4 | 4.090 (103.85) | 4.154 (105.51) | 69.91 (177.57) | 77,100 (34 972) | 14,400 (99.28) | 10,200 (70.33) |
| 5 1/2 | 4.55 (11.56) | 1.50 (3.81) | 3 1/2 in. 8 UNS x 2 7/8 in. 8 Rd EU | 13 - 20 | 4.778 (121.36) | 5.044 (128.12) | 66.52 (168.96) | 133,200 (60 419) | 14,500 (99.97) | 11,600 (79.98) |
| | 4.25 (10.79) | 1.50 (3.81) | 3 3/32 in. 10 UNS x 2 7/8 in. 8 Rd EU | 11.5 - 13 | 4.494 (114.15) | 4.670 (118.62) | 66.13 (167.97) | 84,700 (38 419) | 12,900 (88.94) | 9,800 (67.57) |
| 6 5/8 | 5.65 (14.35) | 1.50 (3.81) | 4 5/32 in. 8 UNS x 2 7/8 in. 8 Rd EU | 17 - 20 | 5.920 (150.37) | 6.538 (166.07) | 73.06 (185.57) | 158,200 (71 758) | 15,300 (105.49) | 10,100 (69.64) |
| 7 | 5.65 (14.35) | 1.50 (3.81) | 4 5/32 in. 8 UNS x 2 7/8 in. 8 Rd EU | 17 - 38 | 5.920 (150.37) | 6.538 (166.07) | 73.06 (185.57) | 158,200 (71 758) | 15,300 (105.49) | 10,100 (69.64) |
| 7 5/8 | 6.35 (16.13) | 1.50 (3.81) | 4 5/32 in. 8 UNS x 2 7/8 in. 8 Rd EU | 20 - 39 | 6.625 (168.28) | 7.125 (180.98) | 73.06 (185.57) | 158,200 (71 758) | 12,600 (86.87) | 10,100 (69.64) |
| 8 5/8 | 7.31 (18.57) | 1.50 (3.81) | 4 1/2 in. API IF TJ | 24 - 49 | 7.511 (190.78) | 8.097 (205.66) | 110.77 (281.36) | 237,200 (107 592) | 13,500 (93.08) | 9,700 (66.88) |
| 9 5/8 | 8.15 (20.7) | 1.50 (3.81) | 4 1/2 in. API IF TJ | 29.3 - 53.5 | 8.535 (216.79) | 9.063 (230.20) | 111.07 (282.12) | 444,600 (201 667) | 13,500 (93.08) | 10,100 (69.64) |

