

## DuraFRAC® Hydro



### Product Description:

Meet the toughest water well hydraulic fracturing packer on the market. Designed specifically for high-pressure water well treatment, DuraFRAC® Hydro is the most durable and fastest deflating packer you can buy. More fracs per day and more fracs per element give users the competitive edge.

The 4.75" element is designed for high pressure and high expansion and can be used in wells up to 8" diameter. Refer to the specification table for other sizes available for use in a wide variety of well diameters. DuraFRAC® Hydro fits most standard packer threads to run on existing equipment, or can be purchased as a complete packer.

The DuraFRAC® Straddle System is ideal for geotechnical investigations of rock mass stress and for environmental remediation. The integrated inflation ports for the lower packer result in a flush-diameter tool to minimize risk of getting stuck in the hole. DuraFRAC® Straddle Systems are available in sizes ranging from 1.3" (33mm) to 15.5" (394mm) and can be customized to meet exact customer needs.

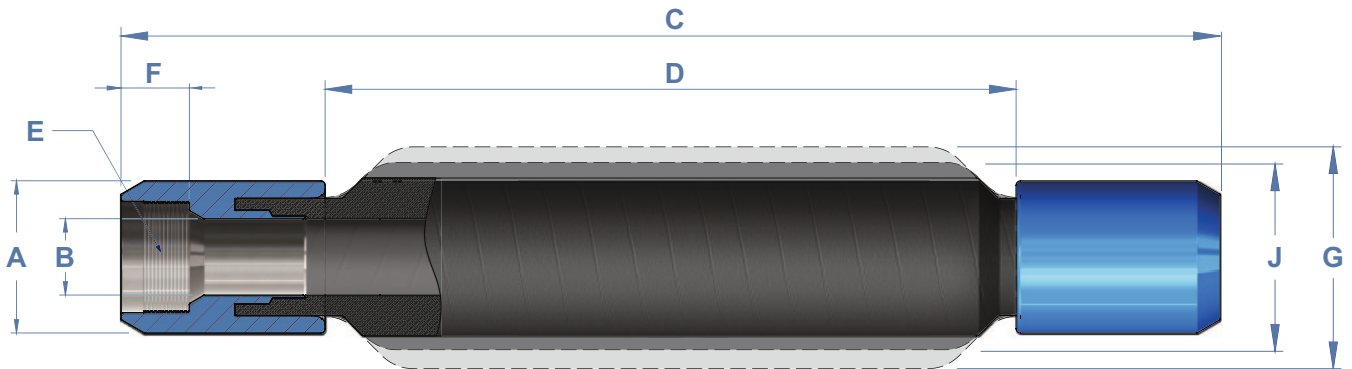
### Applications:

- ◆ Water well hydro-frac treatment
- ◆ Aquifer testing
- ◆ Caprock testing
- ◆ Rock stress testing
- ◆ High-pressure injection for environmental remediation



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## Specifications:



| A                  | B                  | C                   | D                       | E                           | F                | G                          | H                                | J                          | K                                    |
|--------------------|--------------------|---------------------|-------------------------|-----------------------------|------------------|----------------------------|----------------------------------|----------------------------|--------------------------------------|
| Outer Diameter     | Inner Diameter     | Overall Length      | Rubber Effective Length | Thread Connection*          | Thread Length    | Maximum Inflation Diameter | Maximum Pressure at Max Diameter | Optimum Inflation Diameter | Maximum Pressure at Optimum Diameter |
| 3.15 in<br>80 mm   | 2.00 in<br>50.8 mm | 65.75 in<br>1670 mm | 51.57 in<br>1310 mm     | 2.81 x 8 SA<br>71.4 x 8 SA  | 1.93 in<br>49 mm | 6.25 in<br>159 mm          | 750 psi                          | 3.50 in<br>89 mm           | 5000 psi                             |
| 4.33 in<br>110 mm  | 2.63 in<br>66.7 mm | 66.50 in<br>1690 mm | 47.64 in<br>1210 mm     | 3.87 x 6 SA<br>98.4 x 6 SA  | 3.39 in<br>86 mm | 8.27 in<br>210 mm          | 1000 psi                         | 5.00 in<br>127 mm          | 5000 psi                             |
| 4.75 in<br>120 mm  | 2.63 in<br>66.7 mm | 66.50 in<br>1690 mm | 47.64 in<br>1210 mm     | 3.87 x 6 SA<br>98.4 x 6 SA  | 3.39 in<br>86 mm | 9.40 in<br>240 mm          | 1200 psi                         | 6.20 in<br>157 mm          | 5000 psi                             |
| 5.50 in<br>140 mm  | 3.19 in<br>81 mm   | 66.02 in<br>1677 mm | 47.91 in<br>1217 mm     | 4.87 x 6 SA<br>123.8 x 6 SA | 3.03 in<br>77 mm | 10.25 in<br>260 mm         | 1350 psi                         | 6.50 in<br>165 mm          | 5000 psi                             |
| 6.75 in<br>171 mm  | 3.39 in<br>86 mm   | 66.02 in<br>1677 mm | 47.91 in<br>1217 mm     | 4.87 x 6 SA<br>123.8 x 6 SA | 3.03 in<br>77 mm | 12.50 in<br>317 mm         | 2200 psi                         | 8.00 in<br>203 mm          | 5000 psi                             |
| 7.50 in<br>190 mm  | 4.45 in<br>113 mm  | 66.02 in<br>1677 mm | 47.91 in<br>1217 mm     | 6.25 x 6 SA<br>158.7 x 6 SA | 2.78 in<br>70 mm | 13.25 in<br>337 mm         | 1800 psi                         | 8.00 in<br>203 mm          | 5000 psi                             |
| 10.50 in<br>267 mm | 4.06 in<br>103 mm  | 66.14 in<br>1680 mm | 37.80 in<br>960 mm      | 6.25 x 6 SA<br>158.7 x 6 SA | 3.00 in<br>76 mm | 16.50 in<br>419 mm         | 1400 psi                         | 11.50 in<br>292 mm         | 5000 psi                             |

