



GENERAL PRODUCT SHEET

External Inflate – Externally Inflated Packer System

PRODUCT DESCRIPTION:

The EXTERNAL INFLATE product line provides a retrievable, inflatable packer system which is inflated from the surface through a small diameter tube that connects the packer to the inflation medium source on the surface. The small diameter tube is secured to the work string as the packer is run into the well.

External Inflate packers are designed to be inflated with either gas or fluid. The optimum inflation medium to use depends on the nature of the operations. The packers are available for boreholes sizes ranging from 2 in. through 30 in. and a wide range of temperature and differential pressure capacities.

PROVIDE SOLUTIONS FOR:

- Monitor well sampling
- Monitor well completion
- Grouting
- Hydrological testing
- Hydrofracturing
- Rock stress analysis
- Casing/Mechanical Integrity Test
- Zonal isolation
- Selective zone production

FEATURES:

- Durable design for repeated sets
- Fast inflation and deflation
- Field replaceable elements (LI and HD packer type)
- Can be run as a single packer or a straddle system
- Wide range of sizes, temperature, differential pressure capabilities

BENEFITS:

- Multiple setting capabilities in one run
- Field-proven reliability
- Flexible configuration for varying application
- Ideal for applications where mechanical packers cannot be used
- Design allows use of all TAM element type to satisfy a wide range of applications

TOOL SIZES AND CONFIGURATIONS:

Packer OD		Packer ID		Top Connection
in.	mm	in.	mm	(in.)
1.69	43	0.51	13	.25 NPT
2.13	54	0.56	14	1.315 NU
2.63	67	0.93	24	1.900 NU
3.06	78	1.00	25	2.375 EU
3.44	87	1.00	25	2.375 EU
4.25	108	2.00	51	2.375 EU
5.50	140	2.50	64	3.50 EU
7.00	178	3.00	76	3.50 IF

