

SINGLE INFLATABLE PACKER

For borehole isolation, grouting, and permeability / Lugeon testing

PRODUCT	TECHNICAL CLASS	KEY PARAMETER	CONFIGURATION
Single Inflatable Packer	85 bar	700 - 1000 mm	44 - 120 mm

1. PRODUCT DESCRIPTION

The Single Inflatable Packer is an inflatable packer system used to isolate a specific interval within a borehole. It can be manufactured in a range of diameters and lengths. The packer hose and inflation unit are available separately as accessories.

2. TECHNICAL PARAMETERS

Parameter	Technical information
Product type	Single Inflatable Packer
Packer diameters	44 / 54 / 64 / 74 / 84 / 94 / 120 mm
Standard length	700 - 1000 mm
Inflated diameters	77 / 115 / 125 / 135 / 145 / 175 / 205 mm
Safety pressure	85 bar
Accessories	Packer hose and inflation unit
Custom manufacturing	Different lengths and diameters available on request

3. DIMENSIONS AND PRESSURE TABLE

Packer Diameter (mm)	Standard Length (mm)	Inflated Diameter (mm)	Safety Pressure (bar)
44	700 - 1000	77	85
54	700 - 1000	115	85
64	700 - 1000	125	85
74	700 - 1000	135	85
84	700 - 1000	145	85
94	700 - 1000	175	85
120	700 - 1000	205	85

4. APPLICATIONS

01	Rock and soil grouting
02	Borehole interval isolation
03	Permeability / Lugeon testing
04	Control of water ingress
05	Dam, tunnel, and infrastructure projects

5. TECHNICAL NOTES

- 85 bar is the safety pressure.

- Final packer selection should be based on borehole diameter and project requirements.
- Manufacturing in lengths and diameters outside the standard range is available on request.

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TECHNICAL INFORMATION / QUOTATION

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Document revision: EN-01 - Technical values must be confirmed for the selected model and project configuration.