



FIELD ENGINEER GUIDE

Swellable Packer System – Practical Use Notes

Purpose

This guide supports field engineers during installation and operation of the swellable packer system.

Before Running in Hole

- Inspect elastomer for cuts or damage
- Confirm correct packer length (91 / 152 / 213 cm)
- Ensure tool is clean and dry
- No mechanical setting required

Downhole Behavior

- Packer enters the well at reduced diameter
- Contacts oil, water, or mixed fluids
- Gradual expansion begins
- Full sealing achieved in ~10–15 days

Key Dimensions

Wellbore Diameter	Approx. 16 cm
Run-in Diameter	Approx. 14–15 cm
Expanded Diameter	Approx. 19 cm
Thermal Sub Length	Approx. 60–130 cm

Do / Do Not

DO:

- Allow sufficient swelling time
- Use thermal expansion sub in hot wells

DO NOT:

- Apply force to set the packer
- Expect immediate isolation
- Run damaged elastomer

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