Formation Packer Shoes
Protect the Formation and Your Cement Job

Halliburton formation packer shoes are installed on the bottom of casing in applications where casing will be set on top of a producing formation. In addition to the standard packer shoe line offered by Halliburton, premium threads are available for specific customer applications. Typically, formation packer shoes are used to pack off an open hole below the casing to help protect low pressure formations against cement contamination. Other applications include:

- Floating and guiding casing to the bottom
- Allowing fluids to circulate through the end of the shoe until the packer rubber is expanded and set

855 Series™ Formation Packer Shoes

- Can save rig time
- Adaptable, three configurations available
- Helps prevent contamination of cement

Halliburton’s 855 Series™ formation packer shoes protect low pressure formations from pressure surges while casing is being run. They also help prevent contamination of the cement caused by gas pressure below the formation packer. Three operating configurations are possible with the 855 Series packer shoes:

- Running with the flapper valve closed to float the casing into the hole
- Running with an orifice tube to let the casing fill while running in the hole
- Running as a collar by removing the plastic guide nose

852 Series™ Formation Packer Shoes

The 852 Series™ formation packer shoes provide an economical method to pack off and protect low pressure formations from cement contamination. They also can be used to float casing to the bottom. The inverted check valve at the bottom of the packer shoe allows well fluids to circulate any time before the packer is set.

Cup-Type Casing Packer Shoes

- Helps extend economic life of well
- Contains high differential pressure capabilities
- Ideal for tight annulus spaces
- Configured for either pump-out or drillable seats
- Slimhole sizes available

Cup-type casing packer shoes perform the same function as formation packer shoes, except they are used in cased holes. These tools are usually used in workover operations where new casing or tubing is set inside deteriorated casing.
Formation packer shoes have been used by operators successfully for many years as the economical solution for providing annular isolation in preparation for cementing operations. The 855 Series and 852 Series formation packer shoes are to be used in well bores with a deviation not exceeding 30 degrees when using standard equipment. For greater deviations, special packer setting equipment and procedures are available. Cup Type Packer shoes can be used in deviated wells provided proper centralization of the assembly is maintained.

For more information on Formation Packer Shoes, please call your local Halliburton representative or e-mail us at cementing@halliburton.com.