



NeoFlex Cement System

Cefas Rated Gold

P/N E0101-350-017-Cefas

Service Range: 70° - 350° F (21° - 177° C)

Availability

17 ppg • 5-gallon Batch Kits for bailing operations
Dump Bailer Cement Kits are off-the-shelf ready-to-go cement kits
Bulk volume sacks for pumping (contact NeoProducts for more information)

Unique Physical Attributes

Ultra-low Permeability • Flexible • Post-Cure Expansion • High Shear Bond • Self-Healing

NeoFlex has unique physical properties that enhance fracture toughness, elasticity, and bonding to casing and formations, reducing the occurrence of micro-cracking and gas migration.

NeoFlex is used to Block Gas Migration and the Occurrence of Sustained Casing Pressure (SCP)

Applications

Rigless recompletions and well abandonments.

Unique NeoFlex Features

- Post-cure expansion that seals and heals throughout well production life and abandonment,
- Blocks gas migration and eliminates the occurrence of sustained casing pressure,
- Ultra-low permeability that prevents hydrocarbon migration,
- Flexibility and durability that abates the occurrence of micro-cracking, ensures long-term well integrity, and abates de-bonding between cement, casing, and formation.

NeoProducts & HPI cement systems have been run in 100,000+ wells over the last 33 years.

NeoFlex plugs, anchors, seals, heals and re-heals over a lifetime of well production & abandonment.

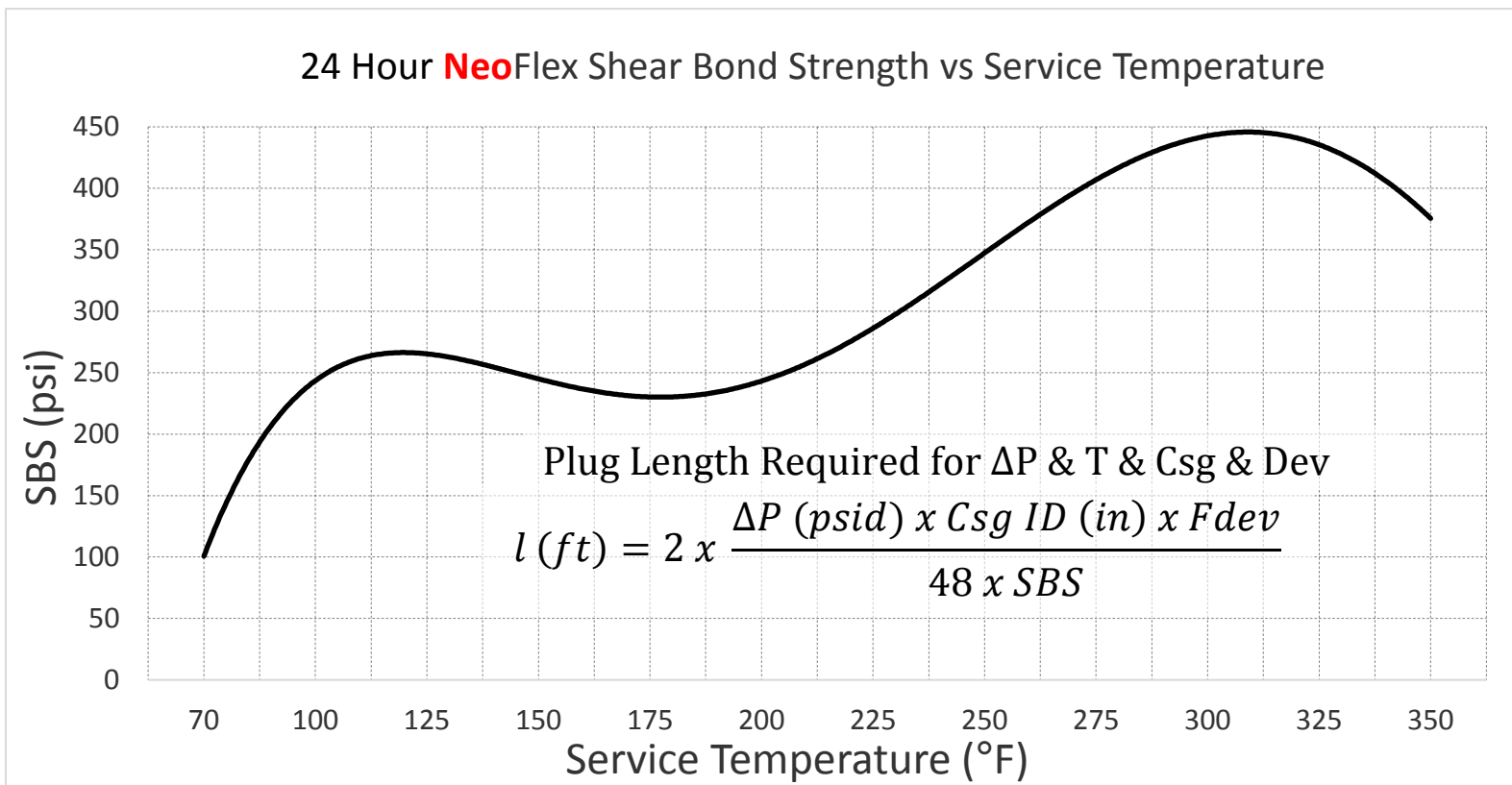
See Page 2 for Cement Plug Length Determinations



Dump Bailed NeoFlex Casing Plugs - Length Determinations

NeoFlex plugs may be pressure tested 16 – 18 hrs after the last bailer run.

Early high compressive strength reduces “waiting on cement time”



F dev = 1.0 @ 0° deviation, 1.2 @ 30°, 1.6 @ 60°, 2.0 @ 70°

The double hump SBS curve is related to the complex interactions of transient cement silicate phases and retarder concentrations.

NeoProducts prudently recommends;

read and comply with all the slurry mixing instructions included in the NeoFlex kit on every dump run, locate the bailer bottom to be 1-2ft above the platform upon which the slurry will collect, “never dump less than 10 ft of cement slurry when a long-term high ΔP plug is desired”.