

SIMultra retrievable bridge plug

Reliably set, seal, and retract using your choice of conveyance



Temperature:
350 degF [177 degC]



Pressure Differential:
10,000 psi [69 MPa]



Qualification:
ISO 14310:2008 V0

Where it is used

In 4½- to 7-in tubulars in vertical, deviated, and horizontal wells to create a well barrier with both exceptional reliability and retrievability.

How it improves wells

Setting and retrieval using a proprietary nonexplosive tool on all conventional conveyance methods places the well barrier where you want it for temporary suspension or abandonment with complete encapsulation of the seal system.

How it works

SIMultra retrievable bridge plugs incorporate a unique proprietary hybrid metal-elastomer seal that not only gives them the smallest running diameter in their class but also enables them to retract to smaller than their original diameter to ensure reliable deployment and recovery for every installation.

What else I should know

Bidirectional high-expansion and high-load slips securely set at any well deviation in a fully sequenced operation that eliminates plug movement during setting.



The fully featured SIMultra retrievable bridge plug provides high-reliability performance and retrievability.

Mechanical Specifications

Nominal Tubing Size, in	Weight, lbm/ft [kg/m]	Plug OD, in [mm]	Plug ID, in [mm]	Length, in [mm]	ISO 14310:2008 V0 Qualification		Setting Tool OD, in [mm]
					Pressure Differential, [†] psi [kPa]	Max. Temperature, [‡] degF [degC]	
4½	11.6–17 [17.3–25.3]	3.375 [85.7]	1.375 [34.9]	91.5 [2,324.1]	7,500 [51,710]	350 [177]	3.375 [85.7]
5	23.2 [34.5]	3.5 [88.9]	1.375 [34.9]	91.5 [2,324.1]	7,500 [51,710]	350 [177]	3.375 [85.7]
5½	17–26 [25.3–38.7]	4.1 [104.1]	1.375 [§] [34.9]	97.8 [2,484.1]	7,500 [51,710]	350 [177]	4.1 [104.1]
7	23–35 [34.2–52.1]	5.47 [138.9]	3.375 [85.7]	97.8 [2,484.1]	7,500 [51,710]	350 [177]	4.1 [104.1]

[†] 10,000-psi [68,945-kPa] specification available on request

[‡] 400-degF [204-degC] specification available on request

[§] Larger ID available on request