



# LINE-PLUGGING Quote Data Sheet

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Applicant RFQ		End Customer – Job location	
Company		Quote reference	
Address		Company	
Contact person		Address	
Tel		Execution period	
e-Mail			
Info Line-Plugging			
What is purpose for the Line-Plugging, describe pipeline intervention work			
Is 100% Seal necessary or is workable seal OK			
Is a 2nd Barrier for 100% seal necessary, select option			
Is full Double Block and Bleed a safety requirement			
Can flow be stopped during insertion of Plugging head			
If flow cannot be stopped what will be the Max. flow during insertion time of plugging head			
Plugging from one side (Single) or both sides (Double)			
Is bypass line necessary and if so what is the minimum size and length			
Estimated time for pipeline intervention when Plugging Heads are in place (Limit critical work to strict minimum)			
Info Header pipeline		Location	
Imperial or Metric system		Height above ground	
Type of pipeline		Depth underground	
Nominal Size		In- or Outside building	
Nominal WT		Available pipe length for intervention	
Actual Size measured (A)		Available space for intervention equipment	
Actual WT measured (D)		Info Scope of Quote	
Design pressure		Welding Fittings	
Design temperature		NDT / Hydrotesting	
Material		Cold Cut after	
Orientation			
Info Content			
Medium			
Operational pressure			
Operational temperature			
Max. flow during HT			
H2S / HF / concentration			
Remarks			



# LINE-PLUGGING Quote Data Sheet Info's

## LINE-PLUGGING Applications

SHORTSTOPP 275



Sizes 1" - 12"/DN25-300  
Pressures Max. 20 bar  
Temperatures -20° to +82°C (120°C)

Folding Plugger 1220



Sizes 14"-20"/DN350-500  
Pressures Max. 10 bar  
Temperatures -20° to +82°C (120°C)

ProStopp



Sizes 6" - 12"/DN150-300  
Pressures Max. 20 bar  
Temperatures -20° to +82°C

Standard STOPPLE



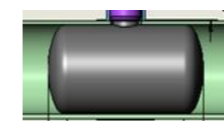
Sizes 4" - 60"  
Pressures Up to 102 bar  
Temperatures -20° to +82°C (340°C)

STOPPLE TRAIN

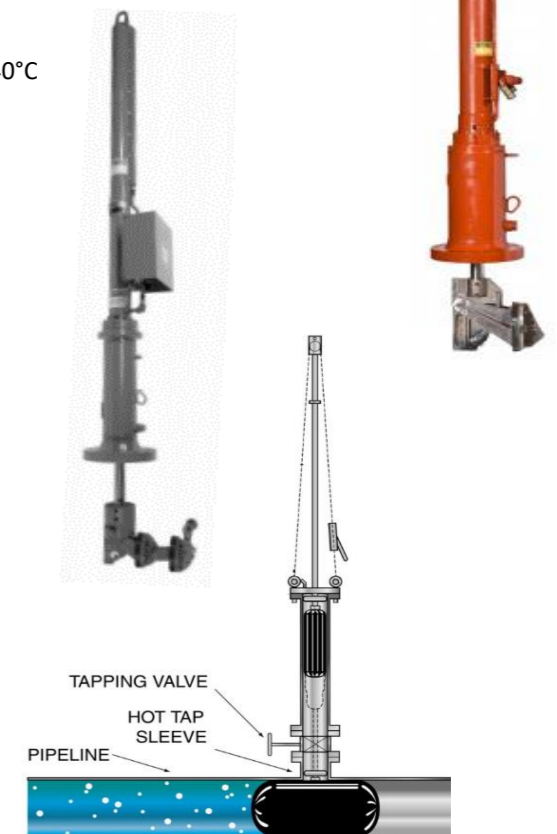


Sizes 6" - 36"  
Pressures Up to 102 bar  
Temperatures UP to 200°C

Inflatable Pipe Plug



Sizes 22" - ,,,,  
Pressures Up to 10 bar  
Temperatures -20° to +82°C









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## Workable seal versus 100% Seal

When working with a single plugging head system, we cannot guarantee a 100% Seal, but only a workable seal. This means our Plugging head can have a small leak what allows you to open pipe safely to perform easy repairs. In many cases a small leak is no issue, although when working on flammable, toxic products, ... you want to avoid this. Also when welding activities are required after the plugging head you don't want any product in your weld. In these case the ProStopp or Stopple Train are best options but more expensive solutions. Alternative you can chose the option for a second barrier.

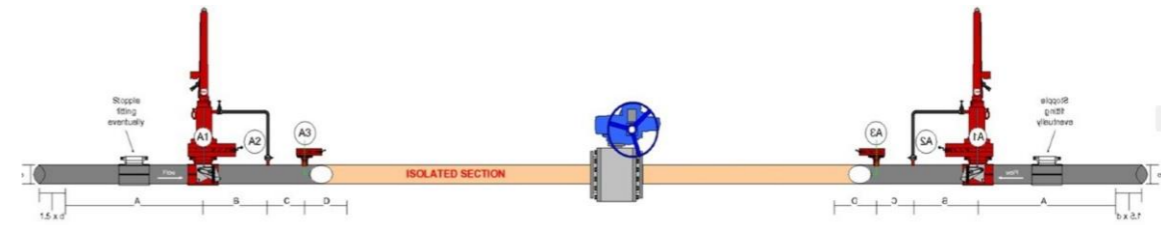
## 2nd Barrier options

- No** If workable seal is OK, no 100% sealing required  
For ProStopp and Stopple train no 2nd Barriers necessary
- Gasbag** For situations were you need to weld pipe to pipe after plugging head, usually for water, natural gas, nitrogen, ...  

- Expandable plug** For welding flanges after Plugging head  

- Expandable plug with hydrotest option** For welding flanges after Plugging head can resist against full pressure and Hydrotest option is available  

- Stopple as second barrier** For very High pressures, temperatures, a second Plugging Head can be used as second barrier, example steam lines  


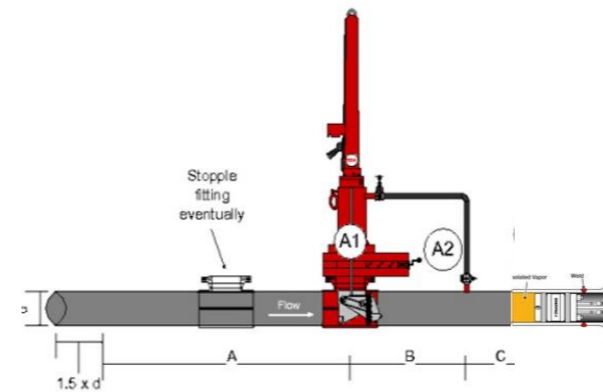


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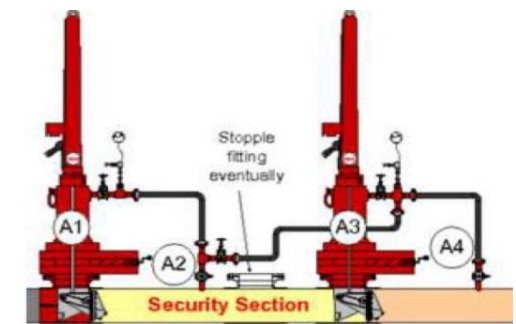
## Some typical application examples



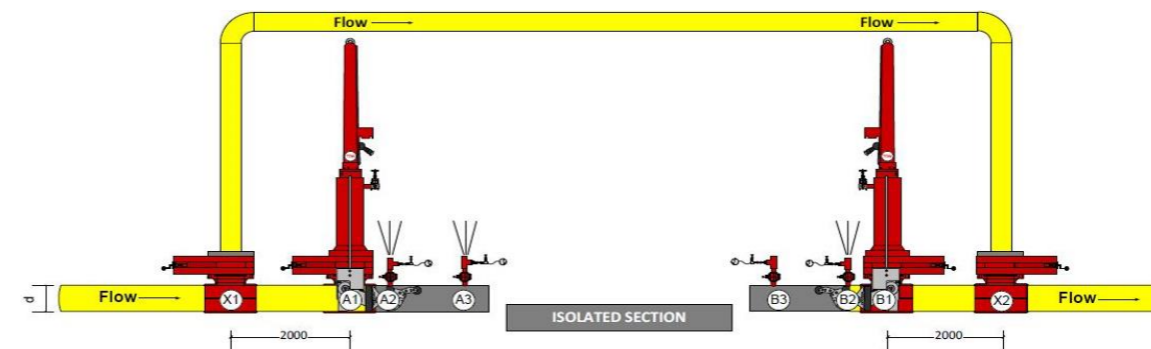
Double Position Stopple with gasbags as 2nd barrier



Single Position Stopple with mechanical plug / Hydrotest combination



Single Stopple operation with Second Stopple as safety = TANDEM Position



Double position Stopple Train, no second barrier needed