

# Packer Accessories

## Sliding Sleeve

The Sliding Sleeve is a simple, downhole flow control tool used to establish selective communication between the tubing and annulus at any desired time and can be opened and closed by standard wireline methods.

The Sliding Sleeve can be utilized for displacing the annulus or tubing after flanging up the wellhead, for selective testing, treating and/or production, as well as producing multiple zones through a single string.

### Product Features

- Recessed closing sleeve for protection
- Incorporates an additional profile seating nipple
- Design allows tools to be run in multiples
- Proven seal design

### Specifications Guide

Tubing Size	Profile				
2.375	1.78	1.81	1.87		
2.875	1.78	1.81	1.87	2.25	2.31

(Other sizes available upon request)

## Safety Joints

The Safety Joints allow positive release of the tubing string in completions where retrieval problems are anticipated. These safety joints are available in adjustable, straight pull or rotational release versions.

### Rotational Specification Guide

Tubing Size	O.D.	I.D.	Thread Connection
1.660	2.250	1.250	1.660 NU 10RD
2.375	3.063	2.000	2.375 EU 8RD
2.875	3.688	2.500	2.875 EU 8RD
3.500	4.500	3.000	3.500 EU 8RD

### Shear Out Specification Guide

Tubing Size	O.D.	I.D.	Thread Connection
1.315	1.750	.750	1.315 NU 10RD
1.660	2.250	1.250	1.660 NU 10RD
1.660	2.063	1.250	1.660 NU 10RD
1.900	2.688	1.610	1.900 NU 10RD
2.375	3.063	2.000	2.375 EU 8RD
2.875	3.688	2.500	2.875 EU 8RD
3.500	4.500	3.000	3.500 EU 8RD

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Shear Out

Rotational

