

The Stage Simulation Tool (SST) is a cup-type packer assembly specifically designed to isolate and selectively acidize predetermined intervals of perforations. The SST can be set to isolate an interval as small as 12 inches. The specially designed cups and a large built-in annular by-pass, make the SST easy to run and retrieve. Drag blocks, using Inconel springs, provide drag for a positive method of opening and closing the by-pass valve. The SST uses a retrievable drop bar to blank off the bottom of the tool. If used in highly deviated wells, a blow plug may be substituted.

Features

- Long-lasting, heavy-duty, basket-type casing cups with full backup
- Simple operation
- Retrievable drop bar
- If required, a drop bar may be retrieved on wireline
- Large interval by-pass for ease of running and pulling

Stage Simulation Tool					
Casing		Packer			Thread Connection
Size in	Weight Range lb/ft	Product Number	Min Bore in	Thimble O.D. in	
4-1/2	9.5 – 13.5	10-027-4500	1.25	3.771	2-3/8 EUE
5-1/2	20 – 23	10-027-5501	1.75	4.500	
	15.5 – 17	10-027-5502		4.625	
	13 – 15.5	10-027-5503		4.781	
7	32 – 35	10-027-7001	2.25	5.780	2-7/8 EUE
	23 – 26	10-027-7002		5.940	
	17 – 20	10-027-7003		6.210	
8-5/8	40 – 49	10-027-8500		8.410	
9-5/8	47 – 53.5	10-027-9500		8.250	
mm	kg/m		mm	mm	
114.3	14.1 - 20.19	10-027-4500	31.8	95.8	2-3/8 EUE
139.7	29.8 - 34.2	10-027-5501		114.3	
	23.1 - 25.36	10-027-5502		117.5	
	19.3 - 23.1	10-027-5503		121.4	
177.8	47.6 - 52.1	10-027-7001	44.5	146.8	2-7/8 EUE
	34.2 - 38.7	10-027-7002		150.9	
	25.3 - 29.8	10-027-7003		157.7	
219.1	59.5 - 72.9	10-027-8500	57.2	213.6	
244.5	69.9 - 79.6	10-027-9500		209.6	

