

# ZoneSelect® SingleShot Stimulation Sleeve

Stimulates up to 67 zones in a single run

## Applications

- Horizontal and vertical wells
- Multizone wells
- Cemented and openhole completions

## Features and Benefits

- The SingleShot sleeve can stimulate multiple zones in a single run without tubing intervention, which enhances operational efficiency and reduces the time required for stimulation.
- The sleeve insert has a mechanism to prevent the sleeve from rotating while it is open or closed, which enables efficient mill out.
- The sleeve maximizes flow area through the ports, which reduces erosion and provides more volume for stimulation.
- The sleeve is compatible with all ZoneSelect ball and seat systems, which helps to increase stage count and provides an optimal solution for each application.

## Tool Description

An integral part of the Weatherford ZoneSelect completion system, the SingleShot stimulation sleeve enables operators to stimulate up to 67 zones in a single run. The maximum stage count can be increased when the SingleShot sleeve is combined with other ZoneSelect sleeves.

The SingleShot sleeve shifts open when a ball, which drops from the surface, lands onto an integral seat within the sleeve and applies tubing pressure. When shifted, the sleeve locks in the open position. The stimulation treatment can then be pumped into the zone. Weatherford uses engineered shear rings for accurate shifting pressure and surface indication. The continuous method of isolating below the sleeve, shifting to open ports, stimulating, and then moving to the next zone enables stimulation to be completed quickly and efficiently.

The SingleShot sleeve is designed for interchangeable ball seats. All ball seats are made from flame-hardened cast iron for efficient milling. Various Weatherford stimulation balls enhance milling efficiency or dissolve completely downhole, which eliminates milling and reduces rig time.



With a maximum stage count of 67 zones in a single run, the SingleShot stimulation sleeve repeatedly isolates, shifts open, stimulates, and moves on to the next zone.



## ZoneSelect® SingleShot Stimulation Sleeve

### Specifications

Sleeve size	2-7/8 in.	3-1/2 in.	4-1/2 in.	5-1/2 in.
Tubing Size	2.875 in. 73.03 mm	3.50 in. 88.90 mm	4.50 in. 114.30 mm	5.50 in. 139.70 mm
Tubing weight	6.40 lb/ft 9.52 kg/m	920 lb/ft 13.69 kg/m	11.60 lb/ft 17.26 kg/m	23.00 lb/ft 34.23 kg/m
Burst rating, 80 ksi	13,409 psi 92.45 MPa	11,932 psi 82.27 MPa	10,682 psi 73.6 MPa	13,068 psi 90.10 MPa
Collapse rating, 80 ksi	12,500 psi 86.18 MPa	11,136 psi 76.78 MPa	10,000 psi 68.9 MPa	12,159 psi 83.83 MPa
Tensile rating, 80 ksi	175,000 lbf 778,439 N	251,591 lbf 1,119,132 N	404,091 lbf 1,797,486 N	547,521 lbf 2,435,493 N
Burst rating, 110 ksi	18,523 psi 127.71 MPa	16,364 psi 112.84 MPa	14,773 psi 101.85 MPa	17,898 psi 123.40 MPa
Collapse rating, 110 ksi	17,273 psi 119.09 MPa	15,341 psi 105.77 MPa	13,977 psi 96.37 MPa	16,591 psi 114.39 MPa
Tensile rating, 110 ksi	240,795 lbf 1,071,112 N	346,023 lbf 1,539,186 N	538,864 lbf 2,396,985 N	662,500 lbf 2,946,947 N
Burst rating, 125 ksi	21,049 psi 145.12 MPa	18,595 psi 128.21 MPa	16,787 psi 115.74 MPa	20,338 psi 140.23 MPa
Collapse rating, 125 ksi	19,628 psi 135.33 MPa	17,433 psi 120.20 MPa	15,883 psi 109.51 MPa	18,853 psi 129.99 MPa
Tensile rating, 125 ksi	273,631 lbf 1,271,172 N	393,208 lbf 1,749,075 N	612,345 lbf 2,723,847 N	752,841 lbf 3,348,803 N
Maximum OD	3.64 in. 92.46 mm	4.50 in. 114.30 mm	5.65 in. 143.51 mm	6.75 in. 171.45 mm
Minimum OD	2.35 in. 59.61 mm	2.83 in. 71.88 mm	3.92 in. 99.57 mm	4.56 in. 115.82 mm
Maximum temperature	325°F 163°C			

