



#### PURPOSE

Designed to pack off the wellbore via an expandable rubber element, used in tandem as a straddle pack-off for isolating and containing deteriorated or damaged tubing or as a standalone pack off when conventional plugging equipment is not available.

#### ASSEMBLY PARTS

1. Locking Sleeve
2. Mandrel
3. Lug Segment
4. Locking Segments
5. Expander Collet
6. Element Expander
7. Spacer
8. Bottom Sub
9. O-Ring

#### DESCRIPTION

The G Element assembly can be used for a number of different wireline operations, it can be attached to a second element assembly via a flow tube that threads in the bottom of the upper element assembly and the top of the lower, tubing stops above and below may be used to lock the pack off in place.

The G Element assembly may also be used individually in conjunction with a G Anchor and any of a number of different types of equalizing assemblies for various applications, the most common being a stand alone pack off for packing off tubing where a conventional plug is not available, or profile nipples are absent.

#### OPERATION

The G Element assembly when run in conjunction with a G anchor requires that a stop of some type set to act as a base for the pack off.

It is critical that the element be energized and the centralizing lugs are deployed before the anchor is engaged therefore steel shear pins should be installed in the anchor to ensure that the element assembly is engaged and a proper seal with the tubing wall is made.

When run as a straddle pack off, a conventional fishneck will be run in place of an anchor, tubing stops should be utilized above and below to hold the pack off in position.

To retrieve the pack off, ensure that the pressure is equalized above and below the pack off via the preferred equalizing assembly installed prior to installation in the well bore, latch and release the anchor, jar with spangs (or preferred type of jar) until the element assembly disengages the tubing wall and retrieve from well.

\*(excessive or heavy jarring may damage pack off)

\*\* (it is recommended that small holes be drilled around circumference of the element to eliminate the chance of hydraulics occurring while setting or unsetting the rubber element)

(Sizes on next page)

10. packoff equipment

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

Nominal Size		2.00"	2.50"
Assembly Number		1002GE200A0	1002GE250A0
Item	Part Name		
1	Locking Sleeve	1002GE20001	1002GE25001
2	Mandrel	1002GE20002	1002GE25002
3	Lug Segment	1002GE20003	1002GE25003
4	Locking Segments	1002GE20004	1002GE25004
5	Expander Collet	1002GE20005	1002GE25005
6	Element Expander	1002GE20006	1002GE25006
7	Spacer	1002GE20007	1002GE25007
8	Bottom Sub	1002GE20008	1002GE25008
9	O-Ring	219 (x2)	224 (x2)
Upper Thread Connection		1.625"-12 UN	2.062"-12 UN
Bottom Thread Connection		1.0"-10rd	1.50"-10rd
Minimum I.D.		1.062"	1.50"
Maximum O.D.		1.84"	2.28"

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