



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. Mandrel
2. Element (3 pieces)
3. Body
4. Split Collar (1.9", 2.062")
5. Cap
6. O-Ring
7. O-Ring

DESCRIPTION

The A Pack Off 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 are used to lock the pack off in place.

The A Pack Off assembly may also be used individually for other applications, the most common being a standalone pack off for packing off tubing where a conventional plug is not available, or profile nipples are absent.

*PLEASE STATE DESIRED EQUALIZING ASSY. WHEN ORDERING.

OPERATION

Designed to be set on a tubing stop of some sort, the A Pack Off is set at the desired location in the wellbore (whether used as a straddle pack off or stand alone).

The setting process consists of jarring down on the pack off in an attempt to expand the rubber elements up and over the mandrel and bring it into contact with the tubing wall at which point a seal is made (a tubing stop of some sort is recommended to hold the pack off in place, as there is no locking mechanism on this pack off).

Retrieval of the pack off consists of balancing pressure above and below the pack off, (generally with a kobes plug) latching fishneck and retrieving from wellbore.

(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		1.900"	2.062"	2.00"	2.50"
Assembly Number		1004AP156A0	1004AP175A0	1004AP200A0	1004AP250A0
Item	Part Name				
1	Mandrel	1004AP17501	1004AP17501	1004AP20001	1004AP25001
2	Element (3 pcs)	1004AP17502	1004AP17502	1004AP20002	1004AP25002
3	Body	1004AP17503	1004AP17503	1004AP20003	1004AP25003
4	Split Collar	1004AP15004	1004AP15004	n/a	n/a
5	Cap	1004AP15005	1004AP15005	1004AP20005	1004AP25005
6	O-Ring	119	119	123	128
7	O-Ring	018	018	218	325
Lower Thread Connection					
Max O.D.		1.468"	1.54"	1.84"	2.281"
Fishneck size		1.00"	1.18"	1.37"	1.75"

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Nominal Size		3.00"	4.00"
Assembly Number		1001PU300A0	1001PL400A0
Item	Part Name		
1	Fishneck	1001PL30001	n/a
2	Mandrel	1001PL30001	1001PL40001
3	Element	1001PL30002	1001PL40002
4	Top Sub	1001PL30003	1001PL40003
5	Spacer	1001PL30004	1001PL40004
6	Ratchet	1001PL30005	1001PL40005
7	Spring Clip	1001PL30006	1001PL40006
8	Lock Nut	1001PL30007	1001PL40007
9	Body	1001PL30008	1001PL40008
10	O-Ring	223	229
11	O-Ring	226	232
Lower Thread Connection		2.375" 10RD NUE	2.24" - 12 SLB
Max O.D.		2.719"	3.75"
Fishneck size		2.31" (Internal)	3.125" (Internal)

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