

# OnePatch

**Our OnePatch is a rig ready solution to isolate various casing integrity issues. Its compact design and simple operation enable repairs to be made efficiently, significantly reducing operational expenditure.**

The tool can seal perforations or repair leaking casing while providing a large production conduit to bring the well back online. The device can be snubbed on a live well so there is no requirement to cease production before deployment.

With its robust construction, it is designed to last the life of the well.

## FEATURES

- Bottom-up hydraulic expansion system
- Premium elastomer seal at the top and bottom
- Shoe design enables simple drill out post-expansion

## BENEFITS

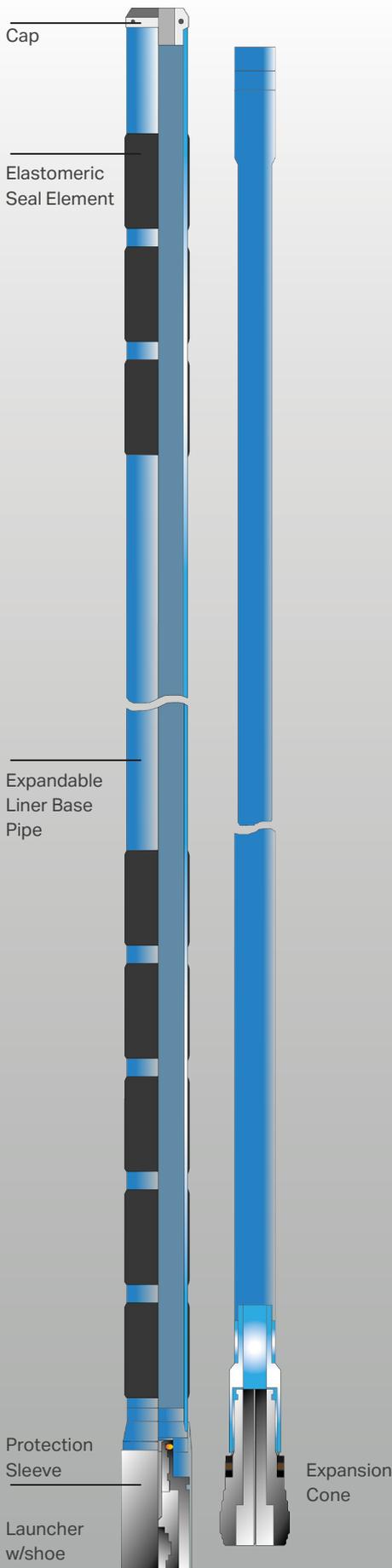
- No personnel required for deployment
- Straddle intervals up to 25ft
- Makes directly up to the workstring
- NACE H<sub>2</sub>S compliant
- Air freight compatible design available
- Deployable on jointed, stick pipe or coiled tubing
- Quickly deployable (i.e. these can be on the rig ready for urgent deployment)

## APPLICATIONS

- Isolation of tubular leaks
- Isolation of failed completion components
- Perforation shut off - isolation of unwanted water & gas
- Isolation sand screen to negate sand ingress
- Perforation shut off – isolation post cement squeeze
- Corrosion isolation

## CORE PRODUCT SYNERGIES (CPS)

- Origin WBCU portfolio
- Leak detection, calipers, and downhole cameras



## SPECIFICATIONS

Parent Casing			Pre-Expanded Running Specs				Expanded Geometry				Expanded Performance	
OD	Weight	Nominal Drift ID	OD	Wall Thickness	Max RH OD	OD	Nominal ID	Special Drift	Expansion Ratio	Internal Yield Pressure	Collapse Pressure	
[in]	[lb/ft]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[%]	[psi]	[psi]	
7.0	32.0	5.969	5.5	0.304	5.935	5.884	5.311	5.311	8.6	6,940	4,030	
7.0	29.0	6.059	5.5	0.304	6.029	5.978	5.413	5.353	10.7	6,861	3,770	
7.0	26.0	6.151	5.5	0.304	6.121	6.074	5.518	5.458	12.8	6,777	3,500	
7.0	23.0	6.241	5.5	0.304	6.211	6.168	5.62	5.56	14.9	6,695	3,250	
7.0	20.0	6.331	5.5	0.304	6.301	6.262	5.722	5.662	17.0	6,610	3,010	
5.5	23.0	4.545	4.25	0.25	4.545	4.538	4.066	4.006	8.4	8,090	5,080	
5.5	20.0	4.653	4.25	0.25	4.655	4.651	4.19	4.13	11.7	7,944	4,560	
5.5	17.0	4.767	4.25	0.25	4.767	4.77	4.321	4.261	15.2	7,786	4,040	
5.5	15.5	4.825	4.25	0.25	4.825	4.83	4.387	4.327	17.0	7,704	3,780	
4.5	15.1	3.701	3.5	0.254	3.701	3.716	3.235	3.175	8.1	10,032	7,770	
4.5	13.5	3.795	3.5	0.254	3.795	3.814	3.346	3.286	11.8	9,844	7,070	
4.5	12.6	3.833	3.5	0.254	3.833	3.832	3.366	3.306	12.5	9,809	6,940	
4.5	11.6	3.875	3.5	0.254	3.875	3.876	3.416	3.356	14.2	9,721	6,640	
4.5	10.5	3.927	3.5	0.254	3.927	3.931	3.478	3.418	16.3	9,610	6,270	
4.5	9.5	3.965	3.5	0.254	3.965	3.972	3.524	3.464	17.8	9,528	6,010	

1. All values for 7in. parent casing are based on MTX-60 material grade. 5.5in. and 4.5in. are based on MTX-70 material grade. Other material grades are available on request.
2. All values calculated at ambient temperature unless otherwise noted.
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