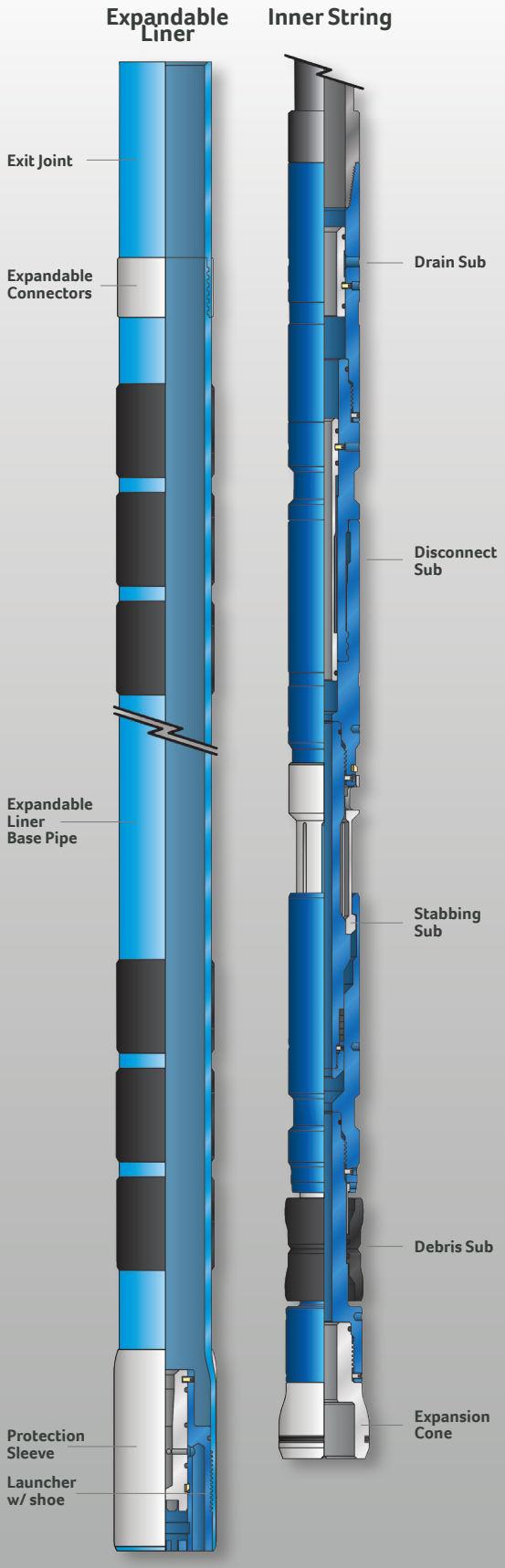
CORE
METAL EXPANDABLES

Inner Core - ReLine HYD



During the life of a well, tubulars or components may suffer a loss of integrity, damage, or corrosion.

ReLine HYD expandable tubular solution provides both short & long length isolation solutions for these issues with minimal loss of inner diameter, whilst providing high burst and collapse ratings.

The expansion system uses hydraulic pressure to pump the expansion cone from the bottom of the liner to the top.

FEATURES

- Hydraulic bottom-up expansion
- Long length isolation achieved via proprietary e2m expandable connection
- High pressure burst & collapse ratings
- Extensive material & elastomer options
- Shoe design enables effortless drill out

BENEFITS

- Long length expansion
- Selective placement of premium elastomers
- Optimised post expansion ID allows for Enhanced reserve recovery & future intervention
- Running tool design enables flexibility in liner length
- Hydraulically driven and workstring expansion process reduces the overpull requirements of the rig
- Can be deployed on coil tubing or jointed pipe

APPLICATIONS

- Isolation of unwanted water, gas & sand ingress
- Corrosion isolation
- Isolation of tubular leaks
- Velocity string
- Isolation of leaking or compromised completions components:
  - SSD (Sliding Side Door)
  - ICV (Inflow Control Valve)
  - ICD (Inflow Control Device)
  - GLV (Gas Lift Valve)
  - CIV (Chemical Injection Valve)

CORE PRODUCT SYNERGIES

- WBCU portfolio

CORETRAX®
EXPAND THE LIMITS

SPECIFICATIONS

Parent Casing					Pre-Expanded Running Specifications				Expanded Geometry				Expanded Performace		
OD [in]	Weight [lb/ft]	Wall Thickness [in]	ID [in]	Nominal Drift [in]	OD [in]	Maximum RIH OD [in]	Wall Thickness [in]	DLS Limit [°/100]	OD [in]	Nominal Drift [in]	Special Drift [in]	Expansion Ratio [%]	Internal Yield Pressure [psi]	Collapse Pressure [psi]	Material Grade
7.000	38.0	0.540	5.920	5.795	5.500	5.765	0.304	26	5.703	5.114	5.054	4.5	7,092	4,570	MTX-60
7.000	35.0	0.498	6.004	5.879	5.500	5.849	0.304	26	5.791	5.209	5.149	6.5	7,020	4,310	MTX-60
7.000	32.0	0.453	6.094	5.969	5.500	5.939	0.304	26	5.884	5.311	5.251	8.6	6,941	4,030	MTX-60
7.000	29.0	0.408	6.184	6.059	5.500	6.029	0.304	26	5.978	5.413	5.353	10.7	6,861	3,770	MTX-60
7.000	26.0	0.362	6.276	6.151	5.500	6.121	0.304	26	6.074	5.518	5.458	12.8	6,777	3,500	MTX-60
7.000	23.0	0.317	6.366	6.241	5.500	6.211	0.304	26	6.168	5.620	5.560	14.9	6,695	3,250	MTX-60
7.000	20.0	0.272	6.456	6.331	5.500	6.301	0.304	26	6.262	5.722	5.662	17.0	6,610	3,010	MTX-60
7.000	38.0	0.540	5.920	5.795	5.500	5.765	0.361	26	5.704	5.004	4.944	4.7	8,426	6,300	MTX-60
7.000	35.0	0.498	6.004	5.879	5.500	5.849	0.361	26	5.761	5.069	5.009	6.1	8,370	6,090	MTX-60
7.000	32.0	0.453	6.094	5.969	5.500	5.907	0.361	26	5.856	5.174	5.114	8.3	8,278	5,750	MTX-60
7.000	29.0	0.408	6.184	6.059	5.500	6.001	0.361	26	5.950	5.279	5.219	10.5	8,183	5,420	MTX-60
7.000	26.0	0.362	6.276	6.151	5.500	6.097	0.361	26	6.047	5.386	5.326	12.7	8,083	5,100	MTX-60
7.000	23.0	0.317	6.366	6.241	5.500	6.211	0.361	26	6.141	5.491	5.431	14.9	7,984	4,790	MTX-60
7.000	20.0	0.272	6.456	6.331	5.500	6.301	0.361	26	6.236	5.596	5.536	17.1	7,883	4,490	MTX-60
6.625	24.0	0.352	5.921	5.796	5.500	5.766	0.304	26	5.704	5.115	5.055	4.6	7,091	4,570	MTX-60
5.500	23.0	0.415	4.670	4.545	4.250	4.545	0.310	33	4.539	3.956	3.896	9.0	9,184	6,830	MTX-60
5.500	20.0	0.361	4.778	4.653	4.250	4.655	0.310	33	4.652	4.084	4.024	12.5	9,020	6,260	MTX-60
5.500	17.0	0.304	4.892	4.767	4.250	4.767	0.310	33	4.771	4.218	4.158	16.2	8,839	5,700	MTX-60

SPECIFICATIONS

Parent Casing					Pre-Expanded Running Specifications				Expanded Geometry				Expanded Performace		
OD [in]	Weight [lb/ft]	Wall Thickness [in]	ID [in]	Nominal Drift [in]	OD [in]	Maximum RIH OD [in]	Wall Thickness [in]	DLS Limit [°/100]	OD [in]	Nominal Drift [in]	Special Drift [in]	Expansion Ratio [%]	Internal Yield Pressure [psi]	Collapse Pressure [psi]	Material Grade
5.500	15.5	0.275	4.950	4.825	4.250	4.795	0.310	33	4.832	4.287	4.227	18.1	8,744	5,420	MTX-60
5.500	14.0	0.244	5.012	4.887	4.250	4.857	0.310	33	4.897	4.360	4.300	20.1	8,642	5,130	MTX-60
5.500	23.0	0.415	4.670	4.545	4.250	4.515	0.250	33	4.538	4.066	4.006	8.4	7,399	4,620	MTX-60
5.500	20.0	0.361	4.778	4.653	4.250	4.655	0.250	33	4.651	4.190	4.130	11.7	7,266	4,180	MTX-60
5.500	17.0	0.304	4.892	4.767	4.250	4.767	0.250	33	4.770	4.321	4.261	15.2	7,122	3,740	MTX-60
5.500	15.5	0.275	4.950	4.825	4.250	4.822	0.250	33	4.830	4.387	4.327	17.0	7,047	3,520	MTX-60
5.500	14.0	0.244	5.012	4.887	4.250	4.883	0.250	33	4.895	4.458	4.398	18.9	6,966	3,300	MTX-60
5.000	26.7	0.562	3.876	3.751	3.500	3.721	0.254	40	3.745	3.269	3.209	9.2	9,125	6,720	MTX-60
5.000	24.2	0.500	4.000	3.875	3.500	3.845	0.254	40	3.876	3.416	3.356	14.2	8,891	5,950	MTX-60
5.000	23.2	0.478	4.044	3.919	3.500	3.889	0.254	40	3.923	3.469	3.409	15.9	8,806	5,680	MTX-60
5.000	21.4	0.437	4.126	4.001	3.500	3.971	0.254	40	4.010	3.567	3.507	19.2	8,642	5,210	MTX-60
5.000	18.0	0.362	4.276	4.151	3.875	4.121	0.254	36	4.145	3.667	3.607	8.9	8,239	5,640	MTX-60
4.500	15.1	0.337	3.826	3.701	3.500	3.671	0.254	40	3.692	3.209	3.149	7.3	9,215	7,050	MTX-60
4.500	13.5	0.290	3.920	3.795	3.500	3.795	0.254	40	3.792	3.321	3.261	11.0	9,043	6,440	MTX-60
4.500	12.6	0.271	3.958	3.833	3.500	3.833	0.254	40	3.832	3.366	3.306	12.5	8,972	6,200	MTX-60
4.500	11.6	0.250	4.000	3.875	3.500	3.875	0.254	40	3.876	3.416	3.356	14.2	8,891	5,950	MTX-60
4.500	10.5	0.224	4.052	3.927	3.500	3.897	0.254	40	3.931	3.478	3.418	16.3	8,790	5,640	MTX-60
4.500	9.5	0.205	4.090	3.965	3.500	3.935	0.254	40	3.972	3.524	3.464	17.8	8,715	5,410	MTX-60

1. For application sizes above 7"parent casing - please refer to ReLine DL table below

SPECIFICATIONS

Parent Casing					Pre-Expanded Running Specifications				Expanded Geometry				Expanded Performace		
OD [in]	Weight [lb/ft]	Wall Thickness [in]	ID [in]	Nominal Drift [in]	OD [in]	Maximum RIH OD [in]	Wall Thickness [in]	DLS Limit [°/100]	OD [in]	Nominal Drift [in]	Special Drift [in]	Expansion Ratio [%]	Internal Yield Pressure [psi]	Collapse Pressure [psi]	Material Grade
13.625	88.2	0.625	12.375	12.219	10.750	12.092	0.350	9	12.068	11.432	11.372	14.3	3,304	890	MTX-45
13.375	77.0	0.550	12.275	12.119	10.750	12.092	0.350	9	12.068	11.432	11.372	13.8	3,304	890	MTX-45
13.375	72.0	0.514	12.347	12.191	10.750	12.164	0.350	9	12.142	11.510	11.450	14.5	3,287	870	MTX-45
13.375	68.0	0.480	12.415	12.259	10.750	12.232	0.350	9	12.212	11.583	11.523	15.3	3,272	840	MTX-45
13.375	61.0	0.430	12.515	12.359	10.750	12.432	0.350	9	12.212	11.583	11.523	15.3	3,272	840	MTX-45
13.375	54.5	0.380	12.615	12.459	10.750	12.432	0.350	9	12.417	11.798	11.738	17.4	3,225	760	MTX-45
11.875	71.8	0.582	10.711	10.555	9.625	10.525	0.352	10	10.474	9.817	9.757	10.0	3,804	1,350	MTX-45
11.750	65.0	0.534	10.682	10.526	9.625	10.480	0.352	10	10.444	9.785	9.725	9.7	3,813	1,370	MTX-45
10.750	65.7	0.595	9.560	9.404	8.625	9.342	0.417	11	9.267	8.483	8.423	8.9	5,082	2,530	MTX-45
10.750	60.7	0.545	9.660	9.504	8.625	9.402	0.571	11	9.373	8.316	8.256	11.1	6,910	4,410	MTX-45
10.750	60.7	0.545	9.660	9.504	8.625	9.442	0.417	11	9.371	8.594	8.534	10.3	5,040	2,410	MTX-45
9.875	62.8	0.625	8.625	8.469	7.625	8.349	0.375	13	8.330	7.635	7.575	11.1	5,106	2,450	MTX-45
9.625	53.5	0.545	8.535	8.379	7.625	8.349	0.430	13	8.260	7.458	7.398	10.2	5,896	3,360	MTX-45
9.625	47.0	0.472	8.681	8.525	7.625	8.402	0.430	13	8.411	7.624	7.564	12.7	5,814	3,130	MTX-45
9.625	43.5	0.435	8.755	8.599	7.625	8.402	0.430	13	8.488	7.708	7.648	13.9	5,772	3,010	MTX-45
9.625	40.0	0.395	8.835	8.679	7.625	8.649	0.430	13	8.572	7.799	7.739	15.3	5,726	2,900	MTX-45
9.625	36.0	0.352	8.921	8.765	7.625	8.735	0.430	13	8.661	7.897	7.837	16.7	5,677	2,770	MTX-45
9.625	53.5	0.545	8.535	8.379	7.625	8.349	0.375	13	8.330	7.635	7.575	11.1	5,106	2,450	MTX-45
9.625	47.0	0.472	8.681	8.525	7.625	8.495	0.375	13	8.480	7.797	7.737	13.4	5,035	2,260	MTX-45
9.625	43.5	0.435	8.755	8.599	7.625	8.569	0.375	13	8.556	7.879	7.819	14.6	4,999	2,160	MTX-45
9.625	40.0	0.395	8.835	8.679	7.625	8.649	0.375	13	8.639	7.968	7.908	15.9	4,959	2,060	MTX-45
9.625	36.0	0.352	8.921	8.765	7.625	8.735	0.375	13	8.727	8.064	8.004	17.3	4,916	1,960	MTX-45
8.625	63.5	0.750	7.125	6.969	6.000	6.939	0.324	18	6.867	6.295	6.235	17.6	5,399	2,440	MTX-45
7.625	55.3	0.750	6.125	6.000	5.500	5.970	0.304	19	5.917	5.346	5.286	9.3	5,807	3,320	MTX-45
7.625	51.2	0.687	6.251	6.126	5.500	6.096	0.304	19	6.048	5.489	5.429	12.2	5,712	3,040	MTX-45
7.625	47.1	0.625	6.375	6.250	5.500	6.220	0.304	19	6.177	5.630	5.570	15.1	5,616	2,790	MTX-45
7.625	39.0	0.500	6.625	6.500	6.000	6.470	0.324	18	6.415	5.804	5.750	8.4	5,698	3,240	MTX-45
7.625	33.7	0.430	6.765	6.640	6.000	6.610	0.324	18	6.561	5.962	5.902	11.4	5,605	2,970	MTX-45
7.625	29.7	0.375	6.875	6.750	6.000	6.720	0.324	18	6.675	6.086	6.026	13.7	5,529	2,770	MTX-45