

# ESeal™ PATCH

ESeal Casing Patch System										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
5.500	14.0	5.012	4.545	4.850	4.593	4.110	4.051	8,520	10,270	4,210
5.500	15.5	4.950	4.545	4.750	4.593	4.110	4.051	8,520	10,270	4,210
5.500	17.0	4.892	4.545	4.670	4.593	4.110	4.051	8,520	10,270	4,210
5.500	20.0	4.778	4.545	4.550	4.593	4.110	4.051	8,520	10,270	4,210
5.500	23.0	4.670	4.545	4.420	4.593	4.110	4.051	8,520	10,270	4,210
7.000	20.0	6.456	6.151	6.000	6.148	5.570	5.511	6,770	9,130	3,400
7.000	23.0	6.456	6.151	5.850	6.148	5.570	5.511	6,770	9,130	3,400
7.000	26.0	6.276	6.151	5.750	6.148	5.570	5.511	6,770	9,130	3,400
7.000	29.0	6.184	5.969	5.800	6.024	5.440	5.381	6,980	9,420	3,610
7.000	32.0	6.094	5.969	5.670	6.024	5.440	5.381	6,980	9,420	3,610

# ESeal™ HP PATCH

ESeal High-Performance Casing Patch System – Available up to 60 ft lengths										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
4.500	11.6	4.000	3.770	3.850	3.795	3.320	3.261	12,400	17,000	8,040
4.500	12.6	3.958	3.770	3.790	3.795	3.320	3.261	12,400	17,000	8,040
4.500	13.5	3.920	3.770	3.750	3.795	3.320	3.261	12,400	17,000	8,040
4.500	15.1	3.826	3.700	3.700	3.734	3.255	3.196	12,700	17,440	8,470
5.000	18.0	4.276	3.770	4.150	3.795	3.320	3.261	12,400	17,000	8,040
5.000	21.4	4.126	3.770	3.990	3.795	3.320	3.261	12,400	17,000	8,040
5.000	23.2	4.044	3.770	3.890	3.795	3.320	3.261	12,400	17,000	8,040
5.500	17.0	4.892	4.545	4.710	4.643	4.060	4.001	12,420	17,030	8,070
5.500	20.0	4.778	4.545	4.570	4.643	4.060	4.001	12,420	17,030	8,070
5.500	23.0	4.670	4.545	4.500	4.586	4.000	3.941	12,650	17,360	8,390
5.500	26.0	4.548	4.420	4.400	4.469	3.980	3.921	10,840	14,730	5,830

**Enventure Global Technology**

15995 North Barkers Landing, Suite 350 | Houston, Texas 77079  
 Tel 281.552.2200 | Fax 281.552.2201 | www.EnventureGT.com

# ESeal™ 3.0 RF LINER

3-1/2 x 4-1/2 in. ESeal RF Liner										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
4.500	11.6	4.000	3.700	3.830	3.747	3.255	3.195	13,010	17,890	8,900
4.500	13.5	3.920	3.700	3.730	3.747	3.255	3.195	13,010	17,890	8,900
4.500	15.1	3.826	3.700	3.650	3.747	3.255	3.195	13,010	17,890	8,900

3-1/2 x 5 in. ESeal RF Liner										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
5.000	18.0	4.276	3.700	4.134	3.747	3.255	3.195	13,010	17,890	8,900
5.000	21.4	4.126	3.700	3.980	3.747	3.255	3.195	13,010	17,890	8,900
5.000	23.2	4.044	3.700	3.884	3.747	3.255	3.195	13,010	17,890	8,900

4-1/4 x 5-1/2 in. ESeal RF Liner										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
5.500	15.5	4.950	4.700	4.690	4.688	4.210	4.130	10,100	13,670	4,920
5.500	17.0	4.892	4.700	4.590	4.688	4.210	4.130	10,100	13,670	4,920
5.500	20.0	4.778	4.545	4.550	4.598	4.115	4.035	10,400	14,090	5,350
5.500	23.0	4.670	4.545	4.090	4.546	4.060	3.980	10,570	14,350	5,600

# ESeal™ 3.0 RFHT LINER

4-1/4 x 5-1/2 in. ESeal RFHT Liner (Patent Pending)										
Base Casing			Pre-Expansion		Post-Expansion					
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	Seal OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Internal Yield (psi)	(1) Burst (psi)	Collapse (psi)
5.500	15.5	4.950	4.653	4.790	4.546	4.060	3.980	10,570	14,350	5,600
5.500	17.0	4.892	4.653	4.730	4.546	4.060	3.980	10,570	14,350	5,600
5.500	20.0	4.778	4.653	4.610	4.546	4.060	3.980	10,570	14,350	5,600
5.500	23.0	4.670	4.545	4.530	4.479	3.990	3.910	10,800	14,680	5,940

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