

**APPENDIX A30**

**BURST PRESSURE AND PEEL FORCE COMBINED DATA**

**Table A30-1. Package, sealing, burst and peel data for matched samples**

Adhesive	Package	Package ID	Burst Pressure (psi)	Burst Location	Mate	Peak Force at Burst Location (N)	Lowest Peak Force Location	Lowest Peak Force (N)	Low Peak Match	Low Peak Diff (N)	Avg Force at Burst Location (N)	Lowest Avg Force Location	Lowest Avg Force (N)	Low Avg Match	Low Avg Diff (N)	Low Avg Match Pct	Low Peak Match Pct	TRT Num	Gap (in)	Seal Setting	Point Number
Amcor	PS7	1001	0.70	L	1946	6.61	H	5.80	0	0.81	5.76	X	4.37	0	1.39	0	18	0.50	S14	15	
Amcor	PS3	1006	0.58	M	1819	2.08	M	2.08	1	0.00	1.42	M	1.42	1	0.00	33	40	2	0.50	S1	7
Amcor	PS8	1007	0.33	X	3001	4.34	Z	3.08	0	1.26	2.43	D	2.05	0	0.38	13	7	9	0.50	S11	1
Amcor	PS1	1008	2.28	Z	1753	4.54	D	3.07	0	1.47	3.73	D	2.27	0	1.46	30	10	67	0.50	S5	3
Amcor	PS7	1010	0.83	L	1951	7.91	W	5.55	0	2.36	6.56	X	3.52	0	3.03	0	0	27	0.25	S17	2
Amcor	PS7	1011	0.83	L	1963	7.27	H	5.12	0	2.15	6.06	X	3.76	0	2.30	0	0	78	0.25	S9	10
Amcor	PS4	1013	0.83	R	1851	6.51	X	5.96	0	0.55	5.17	Y	4.04	0	1.12	30	20	28	0.50	S17	2
Amcor	PS9	1014	1.06	Z	1986	5.69	X	4.47	0	1.22	5.01	X	3.68	0	1.32	67	22	59	0.25	S3	8
Amcor	PS5	1016	0.94	W	1886	0.92	F	0.00	0	0.92	0.68	F	0.00	0	0.68	67	67	2	0.50	S1	7
Amcor	PS5	1018	2.35	W	1896	4.61	W	4.61	1	0.00	3.50	W	3.50	1	0.00	67	67	52	0.25	S25	13
Amcor	PS1	1019	2.58	Y	1752	6.61	D	4.85	0	1.76	4.85	X	2.81	0	2.03	30	10	60	0.50	S3	8
Amcor	PS4	1020	0.83	J	1857	5.27	Y	5.24	0	0.03	4.12	Y	3.61	0	0.51	30	20	66	0.25	S5	3
Amcor	PS5	1023	1.52	W	1871	4.45	F	3.99	0	0.46	3.55	F	2.96	0	0.59	67	67	10	0.75	S11	1
Amcor	PS5	1024	1.17	W	1872	2.93	W	2.93	1	0.00	2.49	W	2.49	1	0.00	67	67	16	0.75	S13	5
Amcor	PS2	1025	2.13	X	1787	4.09	X	4.09	1	0.00	3.60	Y	2.96	0	0.64	0	30	72	0.25	S7	9
Amcor	PS6	1026	1.75	NF	1931	5.64	N	5.64	1	0.00	5.03	N	5.03	1	0.00	67	53	43	0.75	S21	12
Amcor	PS4	1029	1.06	J	1845	6.24	A	5.57	0	0.67	4.74	Y	3.60	0	1.14	30	20	21	0.50	S15	6
Amcor	PS4	1031	1.06	ZJR	1863	5.14	J	5.14	1	0.00	3.98	J	3.98	1	0.00	30	20	79	0.50	S9	10
Amcor	PS7	1032	0.35	L	1962	6.15	X	4.38	0	1.77	4.56	X	2.61	0	1.95	0	0	74	0.75	S7	9
Amcor	PS3	1034	3.16	M	1834	6.48	X	5.77	0	0.71	5.17	X	5.05	0	0.12	33	40	47	0.25	S23	4
Amcor	PS2	1040	3.53	X	1770	6.53	C	4.76	0	1.77	5.33	C	3.99	0	1.34	0	30	8	0.25	S11	1
Amcor	PS3	1048	1.41	HP	1832	5.00	H	5.00	1	0.00	4.56	E	4.39	0	0.17	33	40	35	0.75	S19	11
Amcor	PS6	1054	1.17	NF	1925	4.73	N	4.73	1	0.00	3.81	N	3.81	1	0.00	67	53	60	0.50	S3	8
Amcor	PS2	1055	3.51	X	1785	5.77	W	4.86	0	0.91	4.91	Y	4.04	0	0.87	0	30	59	0.25	S3	8
Amcor	PS5	1056	2.10	W	1899	6.10	X	5.91	0	0.19	4.68	W	4.68	1	0.00	67	67	58	0.50	S27	14
Amcor	PS3	1062	1.87	M	1817	4.89	H	4.69	0	0.20	4.45	H	4.15	0	0.30	33	40	27	0.25	S17	2
Amcor	PS6	1063	1.64	W	1912	4.73	Y	4.31	0	0.42	4.03	N	2.86	0	1.18	67	53	17	0.25	S14	16
Amcor	PS1	1068	2.23	X	1749	2.76	D	1.02	0	1.74	1.88	D	0.75	0	1.13	30	10	1	0.25	S1	7
Amcor	PS3	1074	2.47	M	1833	6.68	E	6.16	0	0.52	5.68	E	5.27	0	0.40	33	40	42	0.25	S21	12
Amcor	PS3	1075	2.35	M	1838	5.57	Y	5.12	0	0.45	4.51	H	4.30	0	0.21	33	40	52	0.25	S25	13
Amcor	PS3	1077	0.94	EM	1826	2.82	H	2.32	0	0.50	1.98	H	1.80	0	0.18	33	40	74	0.75	S7	9

Table A30-1 Continued

Adhesive	Package	Package ID	Burst Pressure (psi)	Burst Location	Mate	Peak Force at Burst Location (N)	Lowest Peak Force Location	Lowest Peak Force (N)	Low Peak Match	Low Peak Diff (N)	Avg Force at Burst Location (N)	Lowest Avg Force Location	Lowest Avg Force (N)	Low Avg Match	Low Avg Diff (N)	Low Avg Match Pct	Low Peak Match Pct	TRT Num	Gap (in)	Seal Setting	Point Number
Amcor	PS9	1082	1.06	X	1988	4.59	X	4.59	1	0.00	3.06	X	3.06	1	0.00	67	22	66	0.25	S5	3
Amcor	PS8	1083	0.36	Y	3006	4.24	Z	3.73	0	0.51	3.89	Z	3.02	0	0.87	13	7	23	0.79	S15	6
Amcor	PS1	1085	2.55	X	1745	5.69	A	4.63	0	1.06	3.48	X	3.48	1	0.00	30	10	29	0.75	S17	2
Amcor	PS1	1086	4.18	W	1738	5.46	Z	4.72	0	0.74	4.20	Z	3.70	0	0.50	30	10	17	0.25	S14	16
Amcor	PS6	1089	1.17	NF	1910	6.10	E	5.83	0	0.27	4.81	N	4.81	1	0.00	67	53	22	0.75	S15	6
Amcor	PS5	1090	1.99	W	1891	3.25	W	3.25	1	0.00	2.49	W	2.49	1	0.00	67	67	78	0.25	S9	10
Amcor	PS6	1099	1.06	NF	1936	5.73	Y	5.56	0	0.17	5.00	F	4.50	1	0.50	67	53	53	0.75	S25	13
Amcor	PS7	1101	0.46	L	1939	7.91	X	5.46	0	2.45	6.81	X	3.67	0	3.14	0	0	10	0.75	S11	1
Amcor	PS6	1103	2.23	Y	1937	6.64	W	5.87	0	0.77	5.95	W	5.34	0	0.61	67	53	57	0.25	S27	14
Amcor	PS4	1105	1.52	YK	1841	5.37	Y	5.37	1	0.00	3.52	Y	3.52	1	0.00	30	20	8	0.25	S11	1
Amcor	PS9	1107	0.07	X	1983	5.73	Z	5.58	0	0.15	4.47	X	4.47	1	0.00	67	22	28	0.50	S17	2
Amcor	PS3	1112	1.75	EM	1808	4.80	M	4.80	1	0.00	4.43	M	4.43	1	0.00	33	40	18	0.50	S14	15
Amcor	PS2	1116	1.29	X	1788	5.50	C	4.74	0	0.76	4.88	C	3.90	0	0.99	0	30	79	0.50	S9	10
Amcor	PS9	1119	1.06	XH	1992	4.64	X	4.64	1	0.00	3.20	X	3.20	1	0.00	67	22	79	0.50	S9	10
Amcor	PS8	1120	0.31	Y	3009	1.00	B	0.00	0	1.00	0.64	B	0.00	0	0.64	13	7	73	0.50	S7	9
Amcor	PS4	1121	1.06	J	1861	3.44	Y	2.56	0	0.88	2.43	Y	1.96	0	0.47	30	20	72	0.25	S7	9
Amcor	PS4	1125	0.94	J	1842	5.87	Y	4.07	0	1.80	4.56	Y	2.60	0	1.96	30	20	14	0.25	S13	5
Amcor	PS5	1126	1.06	W	1890	2.10	W	2.10	1	0.00	1.71	E	1.66	0	0.05	67	67	74	0.75	S7	9
Amcor	PS7	1130	0.35	L	1961	6.23	X	4.60	0	1.63	5.20	X	2.77	0	2.43	0	0	68	0.75	S5	3
Amcor	PS1	1131	2.19	X	1754	4.42	D	3.94	0	0.48	3.48	A	3.18	0	0.30	30	10	73	0.50	S7	9
Amcor	PS6	1132	1.17	F	1926	3.27	N	2.54	0	0.73	1.66	F	1.66	1	0.00	67	53	67	0.50	S5	3
Amcor	PS9	1135	0.83	Z	1985	4.55	Y	4.07	0	0.48	4.18	Y	3.57	0	0.61	67	22	3	0.75	S1	7
Amcor	PS6	1136	1.06	NF	1934	4.52	N	4.52	1	0.00	3.90	F	3.79	1	0.10	67	53	48	0.75	S23	4
Amcor	PS1	1138	2.91	Y	1734	6.22	X	5.25	0	0.97	5.45	X	3.89	0	1.56	30	10	22	0.75	S15	6
Amcor	PS2	1139	1.06	W	1776	5.07	W	5.07	1	0.00	4.43	Y	3.74	0	0.69	0	30	19	0.75	S14	15
Amcor	PS3	1141	1.29	HP	1803	4.35	M	3.66	0	0.69	3.33	E	2.49	0	0.84	33	40	10	0.75	S11	1
Amcor	PS5	1143	3.28	F	1894	5.65	W	5.25	0	0.40	4.77	W	3.77	0	1.00	67	67	42	0.25	S21	12
Amcor	PS5	1144	2.23	W	1883	2.60	W	2.60	1	0.00	1.83	W	1.83	1	0.00	67	67	27	0.25	S17	2
Amcor	PS9	1146	1.06	X	1977	6.27	Z	5.33	0	0.94	4.53	X	4.53	1	0.00	67	22	19	0.75	S14	15
Amcor	PS9	1148	1.06	X	1975	5.85	G	5.41	0	0.44	4.73	X	4.73	1	0.00	67	22	14	0.25	S13	5
Amcor	PS8	1151	0.23	Z	3005	1.32	Z	1.32	1	0.00	0.84	Z	0.84	1	0.00	13	7	15	0.50	S13	5

Table A30-1 Continued

Adhesive	Package	Package ID	Burst Pressure (psi)	Burst Location	Mate	Peak Force at Burst Location (N)	Lowest Peak Force Location	Lowest Peak Force (N)	Low Peak Match	Low Peak Diff (N)	Avg Force at Burst Location (N)	Lowest Avg Force Location	Lowest Avg Force (N)	Low Avg Match	Low Avg Diff (N)	Low Avg Match Pct	Low Peak Match Pct	TRT Num	Gap (in)	Seal Setting	Point Number
Amcor	PS2	1153	1.64	X	1774	5.65	G	5.62	0	0.03	5.10	W	5.08	0	0.03	0	30	21	0.50	S15	6
Amcor	PS4	1154	0.83	YK	1846	6.30	J	5.37	0	0.93	4.33	J	4.07	0	0.26	30	20	19	0.75	S14	15
Amcor	PS5	1156	1.17	W	1889	3.58	H	3.25	0	0.33	2.64	H	2.48	0	0.16	67	67	68	0.75	S5	3
Amcor	PS6	1159	1.41	F	1904	4.12	F	4.12	1	0.00	3.48	N	3.43	0	0.04	67	53	9	0.50	S11	1
Amcor	PS2	1164	3.24	X	1771	5.14	Z	4.56	0	0.58	3.69	Z	3.24	0	0.44	0	30	14	0.25	S13	5
Amcor	PS4	1165	0.46	YK	1855	4.70	W	3.82	0	0.88	3.30	W	3.18	0	0.12	30	20	3	0.75	S1	7
Amcor	PS5	1166	1.64	W	1879	3.88	W	3.88	1	0.00	2.96	W	2.96	1	0.00	67	67	18	0.50	S14	15
Amcor	PS6	1169	1.17	NF	1907	2.64	N	2.64	1	0.00	1.71	N	1.71	1	0.00	67	53	15	0.50	S13	5
Amcor	PS3	1170	1.17	EM	1822	4.61	H	3.96	0	0.65	3.77	H	3.54	0	0.23	33	40	61	0.75	S3	8
Amcor	PS7	1176	0.46	L	1940	6.06	X	4.22	0	1.84	5.34	X	2.12	0	3.22	0	0	16	0.75	S13	5
Amcor	PS3	1181	2.47	EM	1840	6.85	E	5.80	1	1.05	5.64	E	5.15	1	0.49	33	40	58	0.50	S27	14
Amcor	PS5	1185	2.35	W	1873	4.64	W	4.64	1	0.00	3.70	W	3.70	1	0.00	67	67	20	0.25	S15	6
Amcor	PS6	1186	1.17	F	1929	5.83	N	4.34	0	1.49	4.81	N	3.27	0	1.54	67	53	34	0.50	S19	11
Amcor	PS7	1187	0.35	L	1956	4.55	F	3.24	0	1.31	4.02	F	2.67	0	1.36	0	0	2	0.50	S1	7
Amcor	PS9	1189	0.94	X	1989	5.13	Z	4.58	0	0.55	3.53	X	3.53	1	0.00	67	22	72	0.25	S7	9
Amcor	PS6	1190	0.94	NF	1928	4.56	F	4.48	1	0.08	3.46	N	3.46	1	0.00	67	53	80	0.75	S9	10
Amcor	PS6	1192	1.29	NF	1920	5.04	N	5.04	1	0.00	4.00	N	4.00	1	0.00	67	53	29	0.75	S17	2
Amcor	PS1	1193	2.48	Z	1755	4.97	X	4.77	0	0.20	3.55	Z	3.55	1	0.00	30	10	80	0.75	S9	10
Amcor	PS2	1194	2.91	X	1786	4.89	D	4.51	0	0.38	4.11	C	3.53	0	0.58	0	30	66	0.25	S5	3
Amcor	PS3	1195	0.23	E	1824	0.00	E	0.00	1	0.00	0.00	E	0.00	1	0.00	33	40	68	0.75	S5	3
Amcor	PS2	1202	1.52	X	1780	6.00	Y	4.28	0	1.72	5.43	Y	3.02	0	2.40	0	30	28	0.50	S17	2
Amcor	PS7	1203	0.46	L	1957	6.48	X	4.71	0	1.77	5.72	X	3.52	0	2.20	0	0	61	0.75	S3	8
Amcor	PS7	1209	1.06	L	1945	5.92	X	4.15	0	1.77	4.99	X	2.63	0	2.37	0	0	20	0.25	S15	6
Amcor	PS1	1213	2.83	Z	1732	4.88	D	4.79	0	0.09	4.12	D	3.84	0	0.29	30	10	9	0.50	S11	1
Amcor	PS3	1216	1.87	M	1828	5.45	Y	4.56	0	0.89	4.43	Y	3.69	0	0.74	33	40	78	0.25	S9	10
Amcor	PS3	1219	2.35	M	1806	5.53	Z	5.05	0	0.48	4.98	Z	4.57	0	0.42	33	40	20	0.25	S15	6
Amcor	PS6	1220	0.94	NF	1927	0.55	N	0.55	1	0.00	0.43	N	0.43	1	0.00	67	53	73	0.50	S7	9
Amcor	PS1	1222	2.09	X	1733	4.29	X	4.29	1	0.00	3.28	X	3.28	1	0.00	30	10	15	0.50	S13	5
Amcor	PS3	1227	1.17	EM	1804	2.73	E	2.72	1	0.01	1.96	M	1.96	1	0.00	33	40	16	0.75	S13	5
Amcor	PS2	1228	0.83	CW	1784	3.52	C	3.27	1	0.25	2.98	Z	1.68	0	1.29	0	30	3	0.75	S1	7
Amcor	PS6	1229	0.94	F	1924	2.44	E	1.06	0	1.38	1.12	E	0.66	0	0.46	67	53	1	0.25	S1	7

Table A30-1 Continued

Adhesive	Package	Package ID	Burst Pressure (psi)	Burst Location	Mate	Peak Force at Burst Location (N)	Lowest Peak Force Location	Lowest Peak Force (N)	Low Peak Match	Low Peak Diff (N)	Avg Force at Burst Location (N)	Lowest Avg Force Location	Lowest Avg Force (N)	Low Avg Match	Low Avg Diff (N)	Low Avg Match Pct	TRT Num	Gap (in)	Seal Setting	Point Number	
Amcor	PS8	1231	0.20	Y	3013	1.42	Z	0.74	0	0.68	1.13	Z	0.49	0	0.64	13	7	54	0.79	S25	13
Amcor	PS5	1232	1.64	W	1893	4.53	W	4.53	1	0.00	3.24	W	3.24	1	0.00	67	67	35	0.75	S19	11
Amcor	PS5	1235	2.47	W	1895	4.81	W	4.81	1	0.00	3.44	W	3.44	1	0.00	67	67	47	0.25	S23	4
Amcor	PS5	1236	1.17	W	1888	3.56	W	3.56	1	0.00	3.00	W	3.00	1	0.00	67	67	61	0.75	S3	8
Amcor	PS9	1238	1.06	X	1976	6.21	F	5.09	0	1.12	4.32	F	3.86	0	0.47	67	22	21	0.50	S15	6
Amcor	PS4	1243	1.06	J	1856	6.14	X	5.51	0	0.63	4.33	J	4.33	1	0.00	30	20	59	0.25	S3	8
Amcor	PS8	1314	0.34	X	3003	4.70	Z	1.56	0	3.14	2.55	Z	1.35	0	1.20	13	7	67	0.50	S5	3
Amcor	PS8	1317	0.28	Y	3002	3.74	C	3.41	0	0.33	2.83	D	2.66	0	0.17	13	7	30	0.79	S17	2
Amcor	PS8	1375	0.40	X	3011	3.62	Z	2.93	0	0.69	1.75	Z	1.25	0	0.49	13	7	34	0.50	S19	11
Amcor	PS8	1395	0.27	X	3007	1.06	Y	0.00	0	1.06	0.64	Y	0.00	0	0.64	13	7	1	0.25	S1	7
Amcor	PS8	1415	0.37	X	3010	6.66	C	3.94	0	2.72	3.41	Z	2.90	0	0.51	13	7	81	0.79	S9	10
Amcor	PS8	1462	0.48	X	3004	5.95	Z	4.37	0	1.58	2.54	X	2.54	1	0.00	13	7	49	0.79	S23	4
Amcor	PS8	1565	0.58	Y	3012	6.00	A	5.21	0	0.79	5.69	A	4.41	0	1.28	13	7	44	0.79	S21	12
Amcor	PS8	1587	0.44	X	1037	5.63	B	2.73	0	2.90	3.46	A	2.02	0	1.44	13	7	17	0.25	S14	15
Amcor	PS8	1629	0.36	X	3008	4.38	A	3.33	0	1.05	3.19	A	2.65	0	0.54	13	7	60	0.50	S3	8
Amcor	PS8	1672	0.73	X	3014	7.01	A	4.72	0	2.29	5.01	C	4.09	0	0.91	13	7	57	0.25	S27	14
Perfecseal	PS8	1766	0.42	X	3032	7.26	Z	1.13	0	6.13	3.63	Z	0.84	0	2.80	20	7	17	0.25	S14	15
Perfecseal	PS8	1812	0.28	Y	3023	5.69	Z	4.79	0	0.90	4.92	Z	3.87	0	1.05	20	7	23	0.79	S15	6
Perfecseal	PS8	1849	0.21	FY	3026	0.51	B	0.00	0	0.51	0.41	B	0.00	0	0.41	20	7	73	0.50	S7	9
Perfecseal	PS8	1960	0.19	Z	3030	0.00	Z	0.00	1	0.00	0.00	Z	0.00	1	0.00	20	7	54	0.79	S25	13
Perfecseal	PS8	1970	0.38	X	3020	3.75	Z	1.95	0	1.80	0.92	X	0.92	1	0.00	20	7	67	0.50	S5	3
Perfecseal	PS8	1994	0.46	X	3025	5.46	Y	4.76	0	0.70	1.97	X	1.97	1	0.00	20	7	60	0.50	S3	8
Perfecseal	PS8	2039	0.25	X	3022	1.36	Z	0.00	0	1.36	0.58	Z	0.00	0	0.58	20	7	15	0.50	S13	5
Perfecseal	PS8	2046	0.31	Y	3019	4.77	Z	4.03	0	0.74	3.38	Z	2.74	0	0.64	20	7	30	0.79	S17	2
Perfecseal	PS8	2124	0.18	X	3024	0.65	Y	0.00	0	0.65	0.54	Y	0.00	0	0.54	20	7	1	0.25	S1	7
Perfecseal	PS8	2191	0.50	Y	3021	6.78	Z	5.61	0	1.17	6.10	A	4.14	0	1.96	20	7	49	0.79	S23	4
Perfecseal	PS8	2238	0.55	X	3018	7.92	Z	3.08	0	4.84	1.82	Z	1.81	0	0.01	20	7	9	0.50	S11	1
Perfecseal	PS8	2294	0.68	Y	3029	6.25	A	5.97	0	0.28	5.43	C	5.02	0	0.42	20	7	44	0.79	S21	12
Perfecseal	PS8	2328	0.37	Y	3027	5.28	D	5.12	0	0.16	4.75	D	3.73	0	1.02	20	7	81	0.79	S9	10
Perfecseal	PS8	2338	0.40	X	3028	5.92	Z	3.13	0	2.79	2.49	D	1.86	0	0.64	20	7	34	0.50	S19	11
Perfecseal	PS8	2401	0.75	X	3031	8.70	B	6.03	0	2.67	5.38	Z	5.18	0	0.20	20	7	57	0.25	S27	14