

Fire Test Report

API Standard 6FB, Fourth Edition, 2019

Performed for

Durlon

www.durlon.com



6 inch Class 300 Durlon SWG DRI - ETG

Project Number: 221191

Test Date: June 18, 2021



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	Durlon	Date:	6/18/2021
Project Number:	221191		
Product Description:	6 inch Class 300 Durlon SWG DRI - ETG		
Product Code:	8670600CBCC		
Specification:	API 6FB, Fourth Edition, 2019 Non-Bending, Type 1 Test		
Gasket Thickness:	0.195	inches	
Seal Area OD:	8.250	Seal Area ID:	7.188 inches
Mean Seal Diameter:	7.720	inches	
Mean Circumference:	24.3	inches	
Allowable Leakage:	24.3	ml/min	
Nominal Test Pressure:	555	psig	
YRT Technician:	Dean Frank		
	Version of YRT's FIRE-Control 6FB Software: B		
	Equipment Confirmed to be in Calibration to NIST Standards: Yes		

Burn and Cool Down Test

Burn Start Time:	14:07:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	566	psig
Leak Rate During Burn/Cool Down:	3.2	ml/min
Allowable External Leak Rate:	24.3	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	15.8	minutes
Were Test Conditions Within Compliance?	Yes	

Was the Leakage Below the Allowable?	Yes
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Depressurization - Re-pressurization Test

Average Pressure During Test:	560	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	24.3	ml/min
Was the Leakage Below the Allowable?	Yes	

Does the Gasket Pass or Fail API 6FB?	PASS
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Certified By:



Matthew J. Wasielewski, PE
President and Manager
Yarmouth Research and Technology, LLC



Temperature verses Time Chart

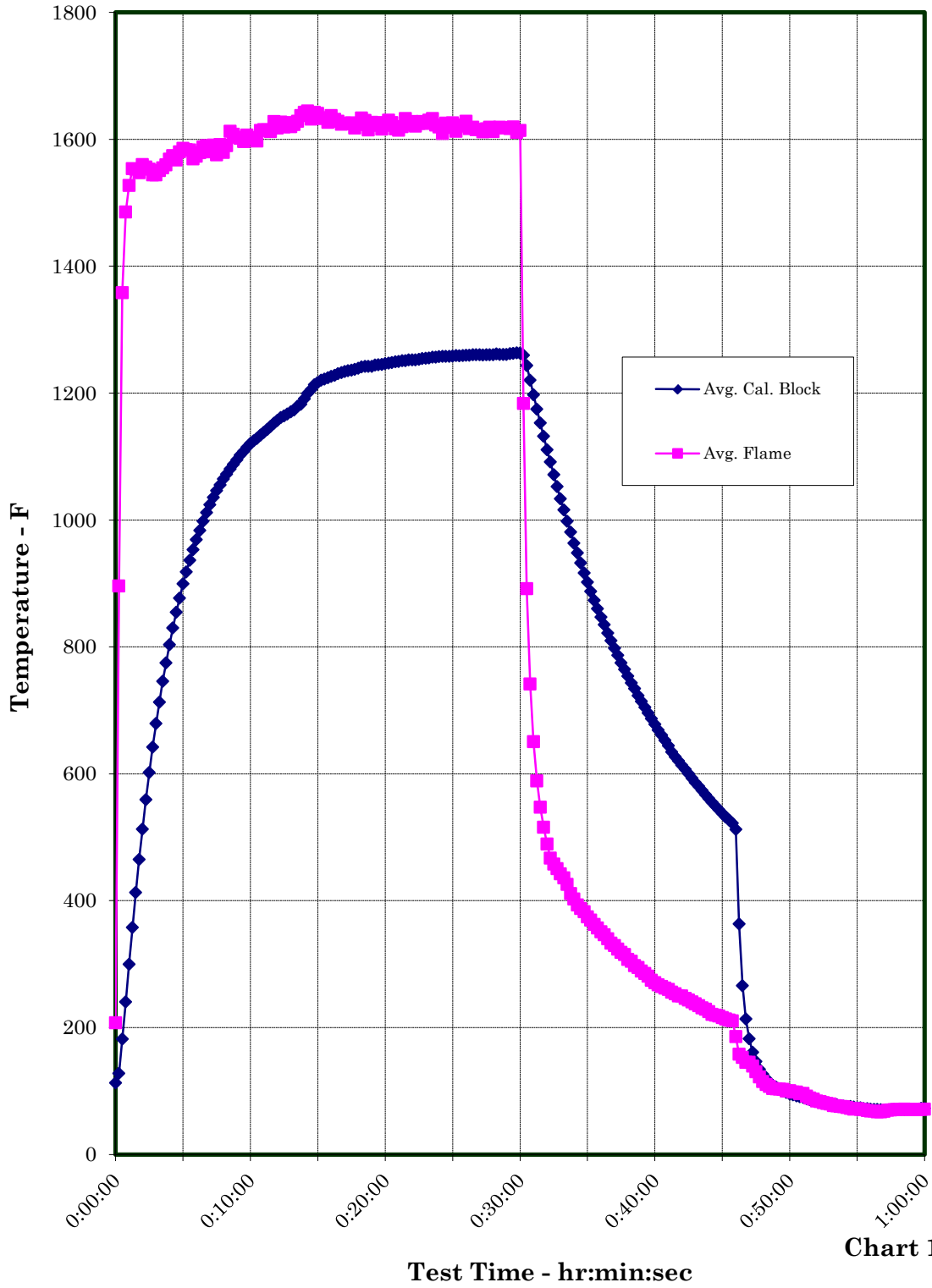


Chart 1

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Pressure verses Time Chart

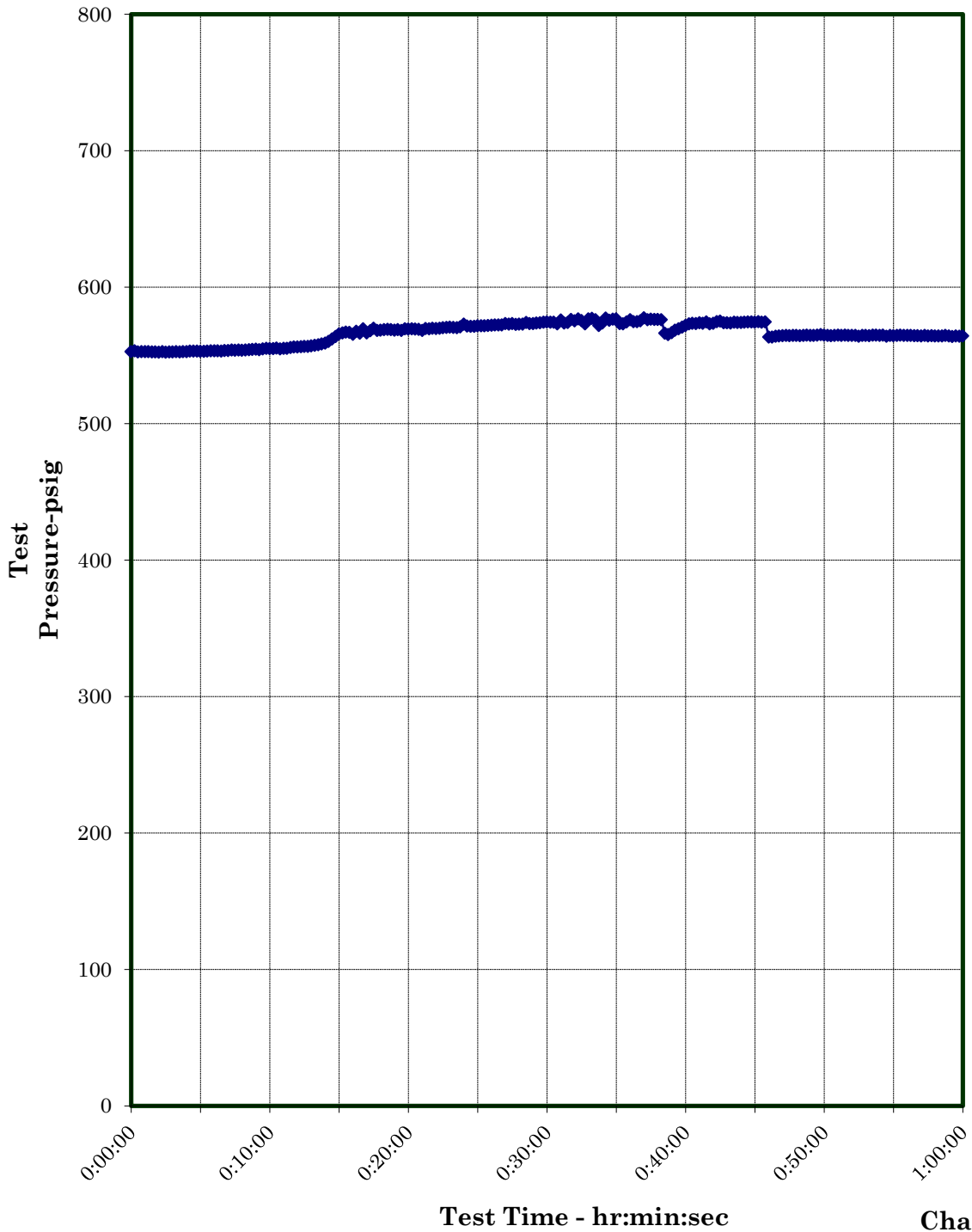


Chart 2

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Test Gasket Prior to Burn

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Test Setup Prior to Burn



Test Gasket During Burn



Test Gasket During Burn



Test Gasket Post-Burn

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Fire Test Information

Customer: Durlon

Date: 6/18/2021

Product Description: 6 inch Class 300 Durlon SWG DRI - ETG

Project Number: 221191

Fire Test Raw Data

Time	Pressure (psig)	Water Volume (mls)	Cal. 1 Block Temp - F	Cal. 2 Block Temp - F	Cal. 3 Block Temp - F	Cal. 4 Block Temp - F	Average Block Temp - F	Flame 1 Temp - F	Flame 2 Temp - F	Flame 3 Temp - F	Flame 4 Temp - F	Average Flame Temp - F
14:07:00	553	28341	136	108	100	106	113	219	199	203	208	207
14:07:15	553	28396	145	126	122	117	128	995	795	930	864	896
14:07:30	553	28338	187	189	189	162	182	1447	1355	1292	1339	1358
14:07:45	553	28218	243	253	253	212	240	1598	1483	1425	1436	1486
14:08:00	553	28396	302	315	320	262	300	1634	1519	1488	1467	1527
14:08:15	553	28170	361	374	381	315	358	1639	1548	1506	1521	1554
14:08:30	553	28410	419	432	435	365	413	1636	1553	1506	1517	1553
14:08:45	553	28313	475	486	484	414	465	1621	1558	1513	1497	1547
14:09:00	552	28227	525	538	529	459	513	1618	1571	1521	1531	1560
14:09:15	553	28143	576	588	570	502	559	1605	1582	1508	1530	1556
14:09:30	552	28279	624	635	608	541	602	1623	1562	1531	1495	1553
14:09:45	553	28087	667	680	644	577	642	1627	1567	1528	1454	1544
14:10:00	553	28379	705	721	678	612	679	1611	1567	1535	1463	1544
14:10:15	553	28061	741	759	707	644	713	1593	1591	1548	1470	1551
14:10:30	553	28068	775	797	734	676	746	1596	1585	1544	1494	1555
14:10:45	553	28408	806	831	757	705	775	1584	1584	1542	1528	1560
14:11:00	553	28409	838	864	779	732	803	1584	1585	1546	1560	1569
14:11:15	553	28271	867	894	801	757	830	1607	1567	1549	1573	1574
14:11:30	553	28256	894	921	822	781	855	1611	1573	1562	1524	1568
14:11:45	553	28186	919	946	840	802	877	1609	1594	1566	1551	1580
14:12:00	553	28440	943	972	858	824	899	1609	1596	1567	1571	1586
14:12:15	553	28147	964	993	874	842	918	1605	1598	1560	1571	1584
14:12:30	553	28372	984	1015	887	860	937	1560	1594	1567	1611	1583
14:12:45	553	28111	1004	1033	900	876	953	1524	1603	1558	1591	1569
14:13:00	553	28145	1022	1051	909	894	969	1528	1621	1571	1573	1573
14:13:15	553	28295	1038	1067	919	909	983	1569	1609	1573	1564	1579
14:13:30	553	28365	1053	1083	932	923	998	1593	1616	1576	1566	1588

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14:13:45	554	28327	1067	1098	945	936	1012	1578	1620	1573	1589	1590
14:14:00	554	28488	1081	1112	954	948	1024	1557	1623	1571	1569	1580
14:14:15	554	28149	1094	1126	961	961	1036	1571	1623	1578	1591	1591
14:14:30	554	28462	1107	1137	968	972	1046	1557	1614	1576	1555	1576
14:14:45	554	28143	1117	1148	975	981	1055	1560	1623	1573	1611	1592
14:15:00	554	28520	1130	1159	979	990	1065	1530	1611	1571	1605	1579
14:15:15	554	28522	1139	1170	982	997	1072	1537	1641	1567	1614	1590
14:15:30	554	28188	1148	1179	988	1006	1080	1555	1647	1585	1663	1613
14:15:45	554	28292	1157	1188	991	1015	1088	1560	1648	1578	1645	1608
14:16:00	555	28382	1166	1195	997	1022	1095	1551	1661	1580	1621	1603
14:16:15	554	28345	1175	1202	1000	1031	1102	1535	1665	1582	1623	1601
14:16:30	555	28415	1182	1209	1004	1038	1108	1537	1650	1585	1614	1597
14:16:45	555	28359	1189	1215	1008	1045	1114	1535	1668	1585	1639	1607
14:17:00	555	28229	1197	1222	1009	1053	1120	1524	1652	1576	1659	1603
14:17:15	555	28262	1202	1227	1011	1058	1125	1510	1663	1580	1654	1602
14:17:30	555	28277	1207	1233	1011	1063	1129	1519	1665	1582	1623	1597
14:17:45	555	28500	1213	1238	1013	1071	1134	1544	1677	1575	1659	1614
14:18:00	555	28474	1218	1243	1015	1076	1138	1555	1674	1576	1656	1615
14:18:15	555	28506	1222	1249	1018	1081	1143	1567	1677	1576	1638	1615
14:18:30	556	28499	1225	1252	1024	1089	1148	1573	1674	1582	1620	1612
14:18:45	556	28398	1231	1258	1027	1094	1153	1576	1686	1587	1663	1628
14:19:00	556	28524	1234	1263	1031	1099	1157	1555	1681	1580	1654	1618
14:19:15	556	28410	1238	1267	1035	1105	1161	1580	1684	1593	1652	1627
14:19:30	557	28406	1240	1269	1038	1108	1164	1560	1677	1589	1652	1620
14:19:45	557	28424	1243	1272	1042	1110	1167	1580	1675	1585	1665	1626
14:20:00	557	28526	1245	1276	1045	1116	1171	1576	1686	1580	1638	1620
14:20:15	557	28502	1249	1279	1047	1119	1174	1584	1679	1589	1641	1623
14:20:30	558	28549	1252	1283	1060	1123	1180	1587	1684	1584	1659	1629
14:20:45	558	28534	1254	1285	1065	1126	1183	1650	1690	1560	1650	1638
14:21:00	559	28610	1256	1287	1081	1139	1191	1645	1699	1566	1659	1642
14:21:15	560	28789	1260	1290	1105	1143	1200	1647	1695	1560	1677	1645
14:21:30	562	28853	1261	1294	1119	1148	1206	1602	1695	1558	1672	1632
14:21:45	564	29027	1263	1297	1132	1161	1213	1650	1702	1549	1668	1642
14:22:00	566	29147	1265	1299	1137	1164	1216	1661	1693	1546	1663	1641
14:22:15	566	29856	1267	1303	1143	1168	1220	1638	1693	1546	1654	1633
14:22:30	567	30130	1267	1305	1146	1170	1222	1625	1693	1553	1665	1634
14:22:45	567	28737	1269	1306	1148	1173	1224	1621	1684	1551	1650	1627
14:23:00	565	28328	1270	1308	1150	1177	1226	1647	1688	1553	1661	1637

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14:23:15	568	30676	1270	1310	1153	1179	1228	1638	1684	1544	1659	1631
14:23:30	566	28011	1272	1312	1157	1182	1231	1620	1692	1546	1656	1629
14:23:45	569	30474	1272	1314	1159	1184	1232	1616	1690	1553	1636	1624
14:24:00	567	29273	1274	1315	1161	1186	1234	1632	1679	1546	1645	1626
14:24:15	568	28264	1274	1317	1162	1188	1235	1603	1683	1560	1652	1625
14:24:30	570	29902	1274	1317	1164	1189	1236	1614	1688	1560	1641	1626
14:24:45	568	28981	1276	1319	1164	1191	1238	1593	1684	1551	1643	1618
14:25:00	569	29468	1278	1319	1166	1193	1239	1609	1688	1551	1645	1623
14:25:15	569	29475	1278	1321	1170	1195	1241	1623	1693	1558	1659	1633
14:25:30	569	29595	1279	1323	1170	1197	1242	1616	1688	1555	1659	1630
14:25:45	569	29484	1279	1323	1170	1197	1242	1585	1702	1560	1612	1615
14:26:00	569	29487	1279	1324	1168	1198	1242	1591	1695	1566	1654	1627
14:26:15	569	29440	1281	1326	1170	1200	1244	1584	1697	1564	1643	1622
14:26:30	568	29434	1281	1326	1170	1202	1245	1580	1704	1573	1647	1626
14:26:45	570	29465	1281	1326	1170	1204	1245	1562	1693	1569	1639	1616
14:27:00	569	29465	1283	1328	1170	1204	1246	1585	1690	1555	1657	1622
14:27:15	569	29505	1283	1328	1171	1206	1247	1611	1693	1564	1652	1630
14:27:30	569	29493	1283	1330	1173	1207	1248	1594	1699	1555	1657	1626
14:27:45	569	29469	1285	1332	1173	1207	1249	1587	1693	1567	1618	1616
14:28:00	568	28937	1285	1332	1173	1209	1250	1585	1692	1580	1600	1614
14:28:15	570	29477	1287	1333	1173	1211	1251	1575	1695	1584	1625	1620
14:28:30	570	29462	1287	1333	1171	1213	1251	1587	1704	1578	1661	1633
14:28:45	570	29485	1287	1335	1173	1215	1253	1553	1704	1580	1652	1622
14:29:00	570	29458	1288	1335	1171	1216	1253	1587	1690	1584	1650	1628
14:29:15	570	29291	1288	1335	1171	1216	1253	1564	1695	1585	1639	1621
14:29:30	570	29493	1288	1335	1171	1218	1253	1602	1692	1576	1630	1625
14:29:45	570	29540	1290	1335	1173	1220	1255	1589	1702	1591	1629	1628
14:30:00	571	29509	1290	1337	1173	1220	1255	1584	1692	1585	1639	1625
14:30:15	571	29484	1290	1337	1173	1222	1256	1593	1692	1593	1643	1630
14:30:30	570	29470	1290	1337	1175	1224	1257	1603	1697	1585	1645	1633
14:30:45	571	29456	1290	1337	1175	1224	1257	1582	1695	1593	1620	1623
14:31:00	573	30050	1292	1337	1175	1225	1257	1567	1692	1589	1630	1620
14:31:15	571	29551	1292	1337	1175	1227	1258	1569	1686	1598	1584	1609
14:31:30	571	29456	1292	1337	1173	1229	1258	1567	1697	1605	1632	1625
14:31:45	571	29498	1292	1337	1173	1229	1258	1524	1702	1603	1645	1619
14:32:00	572	29473	1292	1339	1171	1231	1258	1564	1692	1609	1638	1626
14:32:15	572	29437	1294	1339	1170	1233	1259	1535	1692	1605	1618	1613
14:32:30	572	29409	1294	1339	1168	1233	1259	1551	1688	1607	1643	1622

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14:32:45	572	29379	1294	1339	1170	1233	1259	1578	1684	1607	1614	1621
14:33:00	572	29468	1296	1339	1170	1234	1260	1573	1684	1611	1645	1628
14:33:15	572	29443	1296	1339	1170	1234	1260	1573	1677	1612	1605	1617
14:33:30	572	29509	1296	1339	1170	1236	1260	1557	1683	1620	1616	1619
14:33:45	572	29476	1297	1339	1168	1238	1261	1539	1692	1618	1611	1615
14:34:00	573	29688	1297	1339	1168	1238	1261	1528	1697	1621	1614	1615
14:34:15	573	29551	1297	1339	1164	1240	1260	1531	1695	1618	1603	1612
14:34:30	573	29485	1299	1339	1162	1242	1261	1551	1693	1618	1603	1616
14:34:45	573	29499	1299	1339	1162	1242	1261	1548	1693	1618	1616	1619
14:35:00	573	29494	1299	1339	1161	1243	1261	1540	1695	1620	1594	1612
14:35:15	573	29450	1301	1339	1161	1245	1262	1548	1697	1625	1602	1618
14:35:30	574	29637	1301	1339	1159	1245	1261	1551	1688	1625	1611	1619
14:35:45	573	29443	1301	1339	1159	1245	1261	1549	1699	1621	1603	1618
14:36:00	573	29452	1301	1337	1159	1247	1261	1558	1692	1623	1600	1618
14:36:15	574	29463	1303	1337	1161	1247	1262	1555	1692	1630	1591	1617
14:36:30	574	29419	1303	1337	1161	1249	1263	1564	1693	1623	1598	1620
14:36:45	574	29228	1305	1337	1161	1251	1264	1519	1695	1627	1602	1611
14:37:00	575	29437	1305	1337	1159	1251	1263	1513	1690	1629	1623	1614
14:37:15	574	29529	1303	1335	1152	1249	1260	1143	1234	1148	1209	1184
14:37:30	574	29419	1292	1317	1134	1231	1244	864	907	891	905	892
14:37:45	573	28285	1274	1288	1110	1209	1220	712	750	761	743	742
14:38:00	576	29581	1254	1260	1089	1186	1197	619	657	682	644	651
14:38:15	574	29450	1233	1233	1069	1164	1175	552	595	631	577	589
14:38:30	574	28403	1211	1207	1049	1144	1153	507	558	595	529	547
14:38:45	576	29738	1189	1186	1029	1123	1132	475	531	568	489	516
14:39:00	575	30479	1170	1168	1006	1099	1111	448	504	545	460	489
14:39:15	577	31256	1148	1148	988	1081	1091	426	482	525	435	467
14:39:30	576	28786	1128	1125	970	1062	1071	417	480	516	417	458
14:39:45	573	29966	1108	1103	954	1045	1053	412	478	509	403	451
14:40:00	577	31227	1090	1080	937	1027	1034	406	473	500	390	442
14:40:15	577	30948	1071	1058	923	1011	1016	403	468	489	383	436
14:40:30	576	29046	1054	1036	907	995	998	396	462	473	372	426
14:40:45	572	29615	1036	1017	892	979	981	383	442	462	358	411
14:41:00	574	28908	1018	995	878	963	964	376	435	450	349	403
14:41:15	577	30474	1002	977	865	948	948	365	424	444	340	393
14:41:30	576	29788	986	957	851	934	932	360	415	444	331	388
14:41:45	576	28800	970	939	838	919	917	352	412	441	324	382
14:42:00	577	29457	954	923	826	905	902	345	408	428	316	374

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14:42:15	573	29078	939	905	815	891	888	340	403	423	311	369
14:42:30	573	28494	923	889	804	878	874	338	392	415	304	362
14:42:45	575	28556	909	874	792	865	860	338	387	406	297	357
14:43:00	576	30355	896	858	781	853	847	329	383	401	291	351
14:43:15	575	29684	882	844	772	842	835	325	379	396	284	346
14:43:30	575	28659	867	829	761	829	822	322	372	388	277	340
14:43:45	575	28833	855	815	750	819	810	315	365	379	273	333
14:44:00	578	30437	842	802	741	806	798	311	360	376	270	329
14:44:15	576	29373	831	788	732	795	787	307	354	372	262	324
14:44:30	577	29650	819	775	721	784	775	304	349	363	257	318
14:44:45	576	29431	806	765	712	775	765	300	347	360	253	315
14:45:00	576	29451	795	752	703	765	754	293	342	349	246	308
14:45:15	576	29462	784	739	694	756	743	291	340	343	243	304
14:45:30	566	28504	774	729	687	747	734	286	331	338	235	298
14:45:45	565	28554	761	718	678	736	723	279	327	338	234	295
14:46:00	567	28732	752	707	671	727	714	275	322	329	230	289
14:46:15	569	28786	741	696	662	720	705	270	322	324	225	285
14:46:30	570	28724	730	687	655	711	696	268	318	318	219	281
14:46:45	571	28978	721	676	648	702	687	262	311	309	216	275
14:47:00	572	29047	711	667	640	694	678	259	307	304	212	271
14:47:15	573	28990	702	657	631	685	669	255	304	302	207	267
14:47:30	574	29086	693	648	626	676	661	252	298	304	205	265
14:47:45	573	29260	684	639	619	669	653	248	295	302	203	262
14:48:00	574	29475	676	631	612	657	644	248	289	300	203	260
14:48:15	574	29204	667	622	599	649	634	243	286	295	199	256
14:48:30	575	29245	658	613	594	642	627	239	282	293	198	253
14:48:45	573	29092	651	606	586	637	620	235	279	291	194	250
14:49:00	574	28490	644	599	581	630	614	232	277	295	194	250
14:49:15	575	29363	635	592	576	624	607	230	273	291	190	246
14:49:30	575	29432	628	585	570	617	600	230	271	284	189	244
14:49:45	574	28525	621	577	563	610	593	228	270	279	185	241
14:50:00	574	29511	613	570	558	604	586	223	268	277	181	237
14:50:15	574	28540	606	563	552	599	580	221	266	270	180	234
14:50:30	574	28714	599	556	547	592	574	219	262	266	176	231
14:50:45	574	28687	592	549	541	586	567	217	261	261	176	229
14:51:00	574	29219	585	541	536	581	561	216	255	257	172	225
14:51:15	574	28954	577	536	531	576	555	210	248	253	171	221
14:51:30	574	29162	572	529	525	570	549	207	248	253	169	219

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14:51:45	575	29142	565	522	522	565	544	207	248	250	167	218
14:52:00	574	29099	559	516	516	559	538	205	246	246	165	216
14:52:15	575	29314	552	511	511	554	532	203	244	243	163	213
14:52:30	574	29205	547	505	507	549	527	201	241	243	162	212
14:52:45	575	29234	541	500	502	545	522	201	239	241	160	210
14:53:00	563	28278	529	487	496	536	512	198	208	207	129	186
14:53:15	563	28337	334	331	412	376	363	187	189	181	75	158
14:53:30	564	28340	223	241	354	246	266	187	174	181	70	153
14:53:45	564	28318	163	196	302	192	213	171	165	176	68	145
14:54:00	564	28340	129	169	264	167	182	158	172	185	66	145
14:54:15	565	28321	109	149	234	151	161	167	160	163	66	139
14:54:30	565	28271	97	136	212	140	146	165	145	142	68	130
14:54:45	565	28304	88	126	194	129	134	160	133	131	64	122
14:55:00	565	28239	82	118	181	124	126	147	131	117	64	115
14:55:15	565	28277	79	111	169	118	119	142	126	109	63	110
14:55:30	565	28261	75	104	160	115	114	135	126	104	63	107
14:55:45	565	28246	73	99	151	113	109	131	122	99	63	104
14:56:00	565	28246	72	95	145	111	106	131	124	97	61	103
14:56:15	565	28241	70	91	140	108	102	127	129	93	63	103
14:56:30	565	28248	70	88	135	108	100	127	129	90	63	102
14:56:45	565	28265	68	86	131	106	98	124	127	88	61	100
14:57:00	565	28230	68	82	127	104	95	126	126	88	61	100
14:57:15	565	28237	66	81	124	104	94	120	126	86	61	98
14:57:30	565	28198	66	79	120	104	92	120	127	84	61	98
14:57:45	565	28220	66	77	118	102	91	118	124	82	59	96
14:58:00	565	28207	66	77	117	100	90	117	127	81	59	96
14:58:15	565	28231	66	75	113	97	88	108	117	81	61	92
14:58:30	565	28214	64	75	111	95	86	104	113	79	59	89
14:58:45	565	28201	64	73	108	95	85	104	108	77	59	87
14:59:00	565	28199	64	73	106	93	84	97	102	79	59	84
14:59:15	565	28182	64	72	104	91	83	97	100	77	59	83
14:59:30	564	28149	64	72	102	90	82	93	99	75	59	82
14:59:45	565	28181	63	72	100	90	81	90	97	75	59	80
15:00:00	565	28220	63	70	99	88	80	90	95	73	59	79
15:00:15	564	28166	63	70	97	86	79	86	91	72	59	77
15:00:30	565	28204	63	70	95	84	78	86	91	72	57	77
15:00:45	565	28185	63	68	93	84	77	82	90	72	59	76
15:01:00	565	28187	63	68	91	82	76	81	88	72	59	75

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15:01:15	565	28213	63	68	90	82	76	79	88	72	57	74
15:01:30	564	28198	63	68	90	81	76	79	84	70	57	73
15:01:45	565	28216	63	66	88	81	75	77	82	70	57	72
15:02:00	565	28140	63	66	86	79	74	79	82	70	57	72
15:02:15	565	28176	63	66	86	79	74	75	81	70	57	71
15:02:30	565	28214	61	66	84	77	72	75	81	68	57	70
15:02:45	565	28157	61	66	84	77	72	75	77	68	57	69
15:03:00	565	28196	61	66	82	77	72	72	77	68	57	69
15:03:15	565	28185	61	66	82	75	71	72	77	68	57	69
15:03:30	565	28175	61	66	81	75	71	70	75	66	57	67
15:03:45	565	28160	61	64	81	75	70	70	75	66	57	67
15:04:00	564	28137	61	66	79	73	70	70	73	68	61	68
15:04:15	565	28166	61	64	79	75	70	72	72	70	64	70
15:04:30	564	28215	61	66	79	75	70	72	70	72	66	70
15:04:45	564	28171	63	66	79	75	71	73	70	73	66	71
15:05:00	564	28161	63	66	79	75	71	73	70	73	68	71
15:05:15	564	28156	63	66	79	75	71	73	70	75	66	71
15:05:30	564	28182	63	66	79	75	71	73	70	75	68	72
15:05:45	565	28171	63	66	79	77	71	73	70	75	66	71
15:06:00	564	28151	64	66	79	77	72	73	70	75	66	71
15:06:15	564	28107	64	66	79	77	72	73	68	75	68	71
15:06:30	564	28164	64	66	79	77	72	73	68	75	66	71
15:06:45	564	28140	64	68	81	77	73	73	68	77	66	71
15:07:00	564	28151	64	68	81	77	73	73	68	77	68	72

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Leakage Summary for Burn and Cool Down Periods

All pressure transducers and thermocouples are in calibration per YRT's QA program.

External leakage was collected electronically.

Test Duration:	60	minutes
Tank Water Loss:	190	mls
System Relief Water Collected:	0	mls
Calculated Water Loss:	190	mls
Average Leak Rate:	3.2	ml/min
Average Seal Circumference	24.3	inches
Allowable Leak Rate:	24.3	ml/min

Was the Leakage Below the Allowable?	Yes
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Summary of Test Parameters During Burn and Cool Down Periods

Amount of Time of Average Cal. Block > 1200 deg.:	15.8	minutes
Minimum Allowable Time at Temperature:	15	minutes
Average Cal. Block Temperature During Burn:	1078	deg. F
Maximum Average Cal. Block Temperature During Burn:	1263	deg. F
Minimum Average Cal. Block Temperature During Burn:	113	deg. F
Average Flame Temperature During Burn:	1587	deg. F
Maximum Average Flame Temperature During Burn:	1645	deg. F
Minimum Average Flame Temperature During Burn:	207	deg. F

Notes

Were Test Conditions Within Compliance?	Yes
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Yarmouth Research and Technology, LLC

Depressurization - Repressurization Test Information

Customer: Durlon

Date: 6/18/2021

Product Description: 6 inch Class 300 Durlon SWG DRI - ETG

Project Number: 221191

System pressure was lowered to 0 and then repressurized.

Operational Test Raw Data

Time	Pressure (psig)	Average Block Temp-F
15:08:52	558	66
15:09:07	559	66
15:09:22	559	66
15:09:37	559	68
15:09:52	559	68
15:10:07	559	68
15:10:22	560	68
15:10:37	559	68
15:10:52	560	68
15:11:07	559	68
15:11:22	560	68
15:11:37	560	68
15:11:52	560	70
15:12:07	560	68
15:12:22	560	70
15:12:37	560	70
15:12:52	560	70
15:13:07	560	70
15:13:22	559	70
15:13:37	560	70
15:13:52	560	70

Leakage was collected manually.

Total External Leakage Collected Over 5 Minute Duration:	0	mls
Average Leak Rate Over 5 Minute Duration:	0	ml/min
Allowable Leak Rate:	24.3	ml/min

Was the Leakage Below the Allowable?	Yes
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