

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
2036	B	Released	JN	04/01/09	JWM	04/01/09	JWM	04/01/09
2085	C	Parts Added	JN	11/23/09	JWM	11/23/09	JWM	11/23/09



**Technical Data**

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	14MPa
Ultimate Elongation (%)	ASTM D 2671	450
Longitudinal Shrinkage (%)	UL 224	+/- 5
Heat Aging Tensile Strength Ultimate Elongation (%)	158°C, 168hr	11MPa 300
Flammability	UL224 VW-1	Pass
Heat shock (250? , 4hrs)	ASTM D 2671	No cracking
Cold bend tests (-55? , 4hrs)	ASTM D 2671	No cracking
Dielectric Strength (kv/mm)	ASTM D 150	20
Volume Resistivity (ohm-cm)	ASTM D 876	1x10 <sup>14</sup>
Copper Stability	UL224	Pass

Note:

- Operating temperature -55°C to +125°C
- Minimum shrink temperature 70°C
- Shrink Ratio 2:1
- MIL Spec Approved
- Approvals: UL224, 125°C 600V VW-1  
CSA22.2 No.198.1 125°C 600V, OFT

SPC-F004.DWG

<p>TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.</p>	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jason Nash	07/23/08	Heat Shrink Tubing; 2:1 Ratio			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JWM	07/23/08	A	Ta-889	Ta-889.DWG	C
APPROVED BY:	DATE:	SCALE:		U.O.M.: INCHES [mm]		SHEET:
JWM	07/23/08	NTS		INCHES [mm]		1 OF 2

# 2:1 SHRINK RATIO, MATERIAL: POLYOLEFIN

Size (In.)	Color	Expanded Inner Dia. (In.)	Recovered Inner Dia. (In.)	Spools		4? Lengths			6? Lengths		
				Mfg. Part No.	Spool Size (Ft.)	Mfg. Part No.	Lengths Per Bag	Total Footage	Mfg. Part No.	Lengths Per Bag	Total Footage
3/64	Black	0.047	0.024	PP1638	100	PP1650	25	100	PP1662	40	20
1/16	Black	0.063	0.031	PP1639	100	PP1651	25	100	PP1663	36	18
3/32	Black	0.094	0.047	PP1640	100	PP1652	25	100	PP1664	32	16
1/8	Black	0.125	0.063	PP1641	100	PP1653	25	100	PP1665	28	14
3/16	Black	0.188	0.094	PP1642	100	PP1654	25	100	PP1666	24	12
1/4	Black	0.25	0.125	PP1643	100	PP1655	25	100	PP1667	20	10
3/8	Black	0.375	0.188	PP1644	100	PP1656	25	100	PP1668	16	8
1/2	Black	0.5	0.25	PP1645	100	PP1657	5	20	PP1669	14	7
3/4	Black	0.75	0.375	PP1646	50	PP1658	5	20	PP1670	12	6
1	Black	1	0.5	PP1647	50	PP1659	5	20	PP1671	8	4
1-1/2	Black	1.5	0.75	PP1648	50	PP1660	5	20	PP1672	5	2.5
2	Black	2	1	PP1649	50	PP1661	5	20	PP1673	3	1.5
3/64	Clear	0.047	0.024	PP1674	100	PP1686	25	100	PP1698	40	20
1/16	Clear	0.063	0.031	PP1675	100	PP1687	25	100	PP1699	36	18
3/32	Clear	0.094	0.047	PP1676	100	PP1688	25	100	PP1700	32	16
1/8	Clear	0.125	0.063	PP1677	100	PP1689	25	100	PP1701	28	14
3/16	Clear	0.188	0.094	PP1678	100	PP1690	25	100	PP1702	24	12
1/4	Clear	0.25	0.125	PP1679	100	PP1691	25	100	PP1703	20	10
3/8	Clear	0.375	0.188	PP1680	100	PP1692	25	100	PP1704	16	8
1/2	Clear	0.5	0.25	PP1681	100	PP1693	5	20	PP1705	14	7
3/4	Clear	0.75	0.375	PP1682	50	PP1694	5	20	PP1706	12	6
1	Clear	1	0.5	PP1683	50	PP1695	5	20	PP1707	8	4
1-1/2	Clear	1.5	0.75	PP1684	50	PP1696	5	20	PP1708	5	2.5
2	Clear	2	1	PP1685	50	PP1697	5	20	PP1709	3	1.5
3/64	White	0.047	0.024	PP2236	100	PP2237	25	100	PP2238	40	20
1/16	White	0.063	0.031	PP2239	100	PP2240	25	100	PP2241	36	18
3/32	White	0.094	0.047	PP2242	100	PP2243	25	100	PP2244	32	16
1/8	White	0.125	0.063	PP2245	100	PP2246	25	100	PP2247	28	14
3/16	White	0.188	0.094	PP2248	100	PP2249	25	100	PP2250	24	12
1/4	White	0.25	0.125	PP2251	100	PP2252	25	100	PP2253	20	10
3/8	White	0.375	0.188	PP2254	100	PP2255	25	100	PP2256	16	8
1/2	White	0.5	0.25	PP2257	100	PP2258	5	20	PP2259	14	7
3/4	White	0.75	0.375	PP2260	50	PP2261	5	20	PP2262	12	6
1	White	1	0.5	PP2263	50	PP2264	5	20	PP2265	8	4
1-1/2	White	1.5	0.75	PP2266	50	PP2267	5	20	PP2268	5	2.5
2	White	2	1	PP2269	50	PP2270	5	20	PP2271	3	1.5
3/64	Yellow	0.047	0.024	PP2272	100	PP2273	25	100	PP2274	40	20
1/16	Yellow	0.063	0.031	PP2275	100	PP2276	25	100	PP2277	36	18
3/32	Yellow	0.094	0.047	PP2278	100	PP2279	25	100	PP2280	32	16
1/8	Yellow	0.125	0.063	PP2281	100	PP2282	25	100	PP2283	28	14
3/16	Yellow	0.188	0.094	PP2284	100	PP2285	25	100	PP2286	24	12
1/4	Yellow	0.25	0.125	PP2287	100	PP2288	25	100	PP2289	20	10
3/8	Yellow	0.375	0.188	PP2290	100	PP2291	25	100	PP2292	16	8
1/2	Yellow	0.5	0.25	PP2293	100	PP2294	5	20	PP2295	14	7
3/4	Yellow	0.75	0.375	PP2296	50	PP2297	5	20	PP2298	12	6
1	Yellow	1	0.5	PP2299	50	PP2300	5	20	PP2301	8	4
1-1/2	Yellow	1.5	0.75	PP2302	50	PP2303	5	20	PP2304	5	2.5
2	Yellow	2	1	PP2305	50	PP2306	5	20	PP2307	3	1.5
3/64	Red	0.047	0.024	PP2308	100	PP2309	25	100	PP2310	40	20
1/16	Red	0.063	0.031	PP2311	100	PP2312	25	100	PP2313	36	18
3/32	Red	0.094	0.047	PP2314	100	PP2315	25	100	PP2316	32	16
1/8	Red	0.125	0.063	PP2317	100	PP2318	25	100	PP2319	28	14
3/16	Red	0.188	0.094	PP2320	100	PP2321	25	100	PP2322	24	12
1/4	Red	0.25	0.125	PP2323	100	PP2324	25	100	PP2325	20	10
3/8	Red	0.375	0.188	PP2326	100	PP2327	25	100	PP2328	16	8
1/2	Red	0.5	0.25	PP2329	100	PP2330	5	20	PP2331	14	7
3/4	Red	0.75	0.375	PP2332	50	PP2333	5	20	PP2334	12	6
1	Red	1	0.5	PP2335	50	PP2336	5	20	PP2337	8	4
1-1/2	Red	1.5	0.75	PP2338	50	PP2339	5	20	PP2340	5	2.5
2	Red	2	1	PP2341	50	PP2342	5	20	PP2343	3	1.5
3/64	Green	0.047	0.024	PP2344	100	PP2345	25	100	PP2346	40	20
1/16	Green	0.063	0.031	PP2347	100	PP2348	25	100	PP2349	36	18
3/32	Green	0.094	0.047	PP2350	100	PP2351	25	100	PP2352	32	16
1/8	Green	0.125	0.063	PP2353	100	PP2354	25	100	PP2355	28	14
3/16	Green	0.188	0.094	PP2356	100	PP2357	25	100	PP2358	24	12
1/4	Green	0.25	0.125	PP2359	100	PP2360	25	100	PP2361	20	10
3/8	Green	0.375	0.188	PP2362	100	PP2363	25	100	PP2364	16	8
1/2	Green	0.5	0.25	PP2365	100	PP2366	5	20	PP2367	14	7
3/4	Green	0.75	0.375	PP2368	50	PP2369	5	20	PP2370	12	6
1	Green	1	0.5	PP2371	50	PP2372	5	20	PP2373	8	4
1-1/2	Green	1.5	0.75	PP2374	50	PP2375	5	20	PP2376	5	2.5
2	Green	2	1	PP2377	50	PP2378	5	20	PP2379	3	1.5
3/64	Blue	0.047	0.024	PP2380	100	PP2381	25	100	PP2382	40	20
1/16	Blue	0.063	0.031	PP2383	100	PP2384	25	100	PP2385	36	18
3/32	Blue	0.094	0.047	PP2386	100	PP2387	25	100	PP2388	32	16
1/8	Blue	0.125	0.063	PP2389	100	PP2390	25	100	PP2391	28	14
3/16	Blue	0.188	0.094	PP2392	100	PP2393	25	100	PP2394	24	12
1/4	Blue	0.25	0.125	PP2395	100	PP2396	25	100	PP2397	20	10
3/8	Blue	0.375	0.188	PP2398	100	PP2399	25	100	PP2400	16	8
1/2	Blue	0.5	0.25	PP2401	100	PP2402	5	20	PP2403	14	7
3/4	Blue	0.75	0.375	PP2404	50	PP2405	5	20	PP2406	12	6
1	Blue	1	0.5	PP2407	50	PP2408	5	20	PP2409	8	4
1-1/2	Blue	1.5	0.75	PP2410	50	PP2411	5	20	PP2412	5	2.5
2	Blue	2	1	PP2413	50	PP2414	5	20	PP2415	3	1.5

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SPC-F004.DWG

SIZE DWG. NO.

A

Ta-889

ELECTRONIC FILE

Ta-889.DWG

REV

B

DOC. NO. SPC-F004 \* Effective: 7/8/02 \* DCP No: 1398

SCALE: NTS

U.O.M.: INCHES [mm]

SHEET: 2 OF 2