

# Heat Shrink Tubing

## 2:1 Ratio

pro-POWER



### Features:

- Operation Temperature: -55°C to +125°C
- Min. Shrink Temperature: +70°C
- Shrink Ratio: 2:1
- MIL Spec Approved
- Material: Polyolefin
- Approvals : UL224, 125 °C 600V VW-1, CSA22.2 No. 198.1 125 °C 600V, OFT

### Technical Property

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	1 × 10 <sup>14</sup>
Copper Stability	UL224	Pass

### Part Number Table

Size (In.)	Color	Expanded Inner Dia. (In.)	Recovered Inner Dia. (In.)	Spools		4 Ft. Lengths			6 In. Lengths		
				Part Number	Spool Size (Ft.)	Part Number	Lengths per Bag	Total Footage	Part Number	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

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				Part Number	Spool Size (Ft.)	Part Number	Lengths per Bag	Total Footage	Part Number	Lengths per Bag	Total Footage
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

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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

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