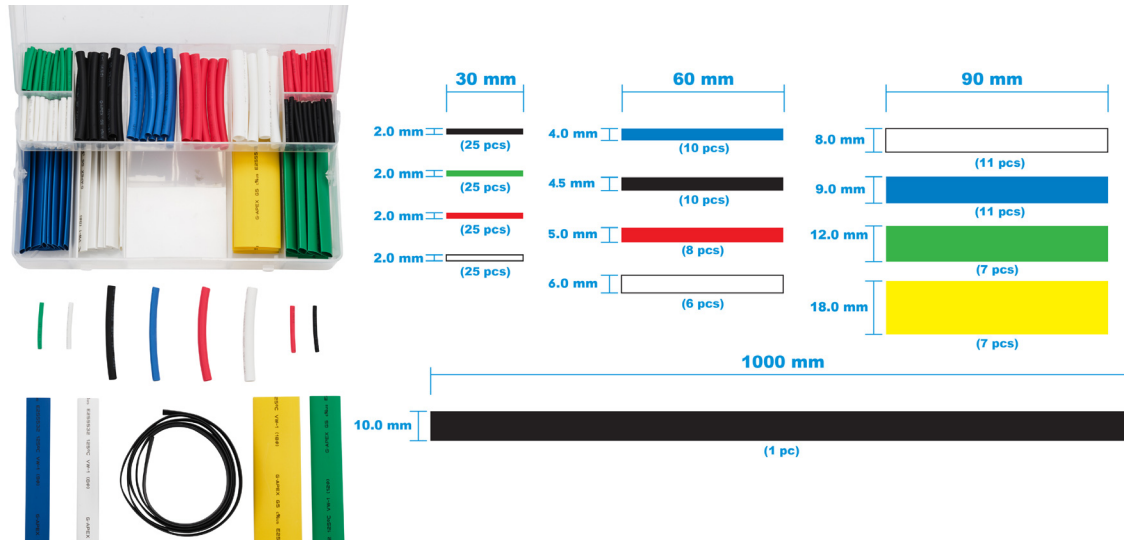


DATASHEET

Heat shrink tubing set 2:1 (171 pcs)

Item No. 3347206

Overview



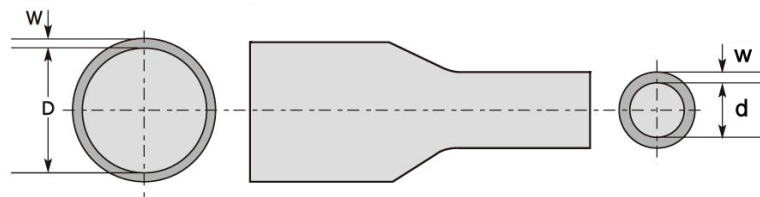
Features

- Shrink ratio: 2:1
- Very flexible, high flame retardant
- Resistant to common solvent liquid
- Excellent physical, chemical and electrical performance
- Compliance with RoHS

Technical data

a) Product dimensions

Size (mm)	Length (mm)	Quantity (pcs)	Color / Quantity						As supplier (mm)		After received (mm)	
			Black	Green	Red	Yellow	Blue	White	I.D. (D)	W.T. (W)	I.D. (max) (d)	W.T.(min) (w)
2.0	30	100	25	25	25			25	2.5 ± 0.3	0.20 ± 0.05	1.1	0.34
4.0	60	10					10		4.5 ± 0.3	0.25 ± 0.05	2.0	0.42
4.5	60	10	10						5.0 ± 0.3	0.25 ± 0.05	2.25	0.42
5.0	60	8			8				5.5 ± 0.3	0.28 ± 0.05	2.5	0.52
6.0	60	6						6	6.5 ± 0.3	0.28 ± 0.05	3.0	0.52
8.0	90	11						11	8.0 ± 0.3	0.30 ± 0.07	4.0	0.56
9.0	90	11					11		9.6 ± 0.3	0.30 ± 0.07	4.5	0.56
10.0	1000	1	1						10.7 ± 0.4	0.30 ± 0.07	5.0	0.56
12.0	90	7		7					12.7 ± 0.4	0.30 ± 0.07	6.0	0.56
18.0	90	7				7			19.0 ± 0.5	0.40 ± 0.10	9.0	0.77



b) Applications

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10 % ~ 10 %	ASTM D2671	Pass
Tensile strength	≥ 10.3 MPa	ASTM D2671	≥ 11.3 MPa
Elongation at break	≥ 200 %	ASTM D2671	≥ 400 %
Tensile strength after aging	70 % of initial value	ASTM D2671 (158°C/ 168 hrs)	≥ 80 %
Elongation at break after aging	≥ 100 %	ASTM D2671 (158°C/ 168 hrs)	≥ 200 %
Heat shock	No cracking	ASTM D2671 (200°C/ 4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-30°C/ 1 hr)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	$\geq 10^{14} \Omega \cdot \text{cm}$	ASTM D2671	$\geq 10^{14} \Omega \cdot \text{cm}$
Dielectric strength	≥ 19.7 kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

c) Other

Continuous operating temperature-55°C~125°C
 Minimum shrink temperature70°C
 Full recovery temperatureAbove 110°C
 Comply withUL224 / E255532