

## Product Technical Data Sheet-Heat Shrink Tubing

### Description

Our high quality Heat Shrink Tubing can be purchased in 2:1 Single Wall or 3:1 Dual Wall adhesive lined variety. The Heat Shrink is manufactured from a flame retardant, zero halogen cross-linked polyolefin and carries the UL approval.

The 2:1 range is available in Black, Clear, Red, Yellow, Blue, White, Green, Brown, Grey, and Earth (Green/Yellow) and can be purchased in bulk rolls or mini boxes.

The 3:1 dual wall adhesive lined tubing is only supplied in Black and comes in easy to handle 1.2 meter lengths.



2:1 Bulk Roll



2:1 Mini Box



3:1 Dual Wall

### Applications

Heat Shrink Tubing can be used to repair or insulate wires, give environmental protection to conductors, joints, terminals and connections or to bundle cables together. It is used by Electrical Engineers and in the Railway, Aerospace and Military Industries.

### Specifications

**Working Temperature Range:** from -55°C to +125°C

**Flammability:** Flame Retardant to VW-1 halogen free

**Voltage:** up to 600 Volts

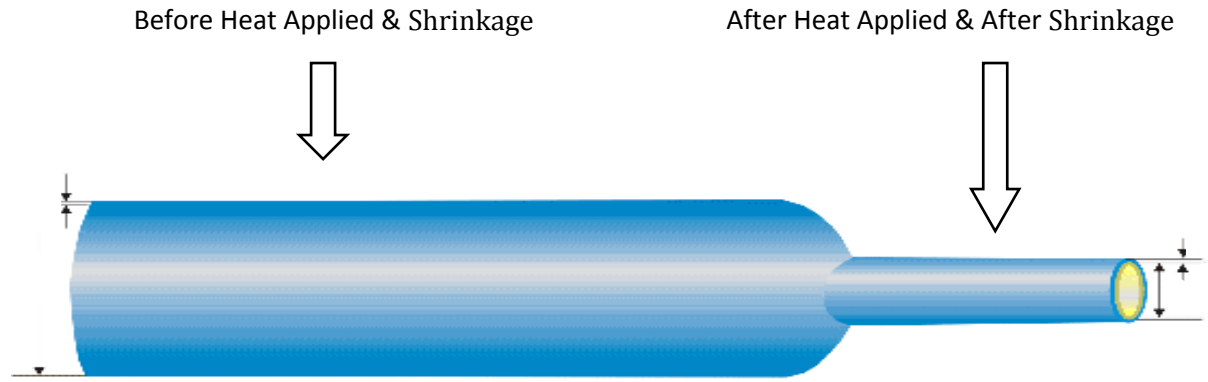
**Tensile Strength:** >10.4 Mpa

**Dielectric Strength:** >15Kv/mm

**Concentricity:** >65%

**Shrink Temperature:** 90-100°C





2:1 Bulk Rolls

Size	Before Heat Applied Inside Diameter mm	After Heat Applied Inside Diameter mm
HS 212	1.2	0.6
HS 216	1.6	0.8
HS 224	2.4	1.0
HS 232	3.2	1.5
HS 248	4.8	2.0
HS 264	6.4	3.0
HS 295	9.5	4.5
HS 2127	12.7	6.0
HS 2191	19.1	10.0
HS 2254	25.4	12.5
HS 2381	38.1	21.0
HS 2508	50.8	27.0
HS 2762	76.2	38.1
HS 21016	101.6	50.8

2:1 Mini Boxes	Before Heat Applied Inside Diameter mm	After Heat Applied Inside Diameter mm	Length (m)
HSMB 1.2	1.2	0.6	20
HSMB 1.6	1.6	0.8	17
HSMB 2.4	2.4	1.2	15
HSMB 3.2	3.2	1.6	15
HSMB 4.8	4.8	2.4	12
HSMB 6.4	6.4	3.2	12
HSMB 9.5	9.5	4.8	8
HSMB 12.7	12.7	6.4	8
HSMB 19.1	19.1	10.0	5
HSMB 25.4	25.4	12.7	5

3:1 (1.2m Lengths) Size	Before Applying Heat Inside Diameter mm	After Applying Heat
HSDW 3-3	3.0	1.0
HSDW 3-4.8	4.8	1.5
HSDW 3-6	6.0	2.0
HSDW 3-9	9.0	3.0
HSDW 3-12	12.0	4.0
HSDW 3-18	19.0	6.0
HSDW 3-24	24.0	8.0
HSDW 3-39	38.1	13.0

Heat shrink activation using the Partex HG 1- Electrical Heat Gun



W.E.E.E Compliant

PRN WEEE/KB0197VQ

## Specifications

**Operating Voltage:** 230-240V, 50 Hz

**Amperage:** 9A

**Wattage:** 1800W

The HG 1 Has 2 fan speed settings – Low & High

The HG 1 Has 2 heat settings approx 450°C on Low and 600°C on High

### **Resettable Thermostat Protection**

(When the gun overheats, the thermostat will shut the gun off. After cooling down, the gun will automatically turn itself back on. Please be sure to turn off the gun and unplug it before leaving the working area, otherwise it is dangerous and may cause a hazard.)

### **Important Safety Instructions**

Warning: This product is a source of very high temperature flameless heat. As with any electrical tool, always follow safety precautions to reduce the risk of fire, electric shock or personal injury. As with all heat tools, always keep a fire extinguisher handy and observe all fire precautions.

PTDS 002

RoHS Compliant



R.E.A.C.H Compliant



Underwriters Laboratory



File no E479774

Issue 3  
November 2015

