



Heat Shrinkable Tubing 3:1 in a Kit

• ShrinKit 321 Universal

Features and Benefits

ShrinKit 321 is a family of five heat shrink tubing assortments in attractive and handy assembly kits. The range consists of ShrinKit 321 Universal, ShrinKit 321 Universal Basic, ShrinKit 321 Basic black, ShrinKit 321-A (a dual wall tubing) and ShrinKit 321-A Basic. With their ideal shrink ratio of 3:1 these products replace many differently sized tubing solutions by fitting almost any heat shrink requirements. Choosing the required product is simplicity itself as the tubings are clearly identified by size, length and content printed on every compartment of the assortment boxes.

The attractive and reusable kit is the solution for almost every heat shrink task. The big variety of sizes, colours and lengths offers a wide number of applications: insulation, bend protection or identification. The 3:1 shrink ratio can easily cope with substrates of varying diameter.

Content

This kit contains a range of general purpose tubing lengths clearly sorted in various sizes and colours. Its ideal shrink ratio of 3:1 replaces many differently sized tubings. The application range from 1 mm to 20 mm can be covered with ShrinKit 321 Universal.



ShrinKit 321 Universal.



Shrink ratio 3:1 for a wider range of application.

Material Data	
Material	Polyolefin, cross-linked (POX)
Shrink Ratio	3:1
Longitudinal change after shrinkage	+5%/-10% max.
Minimum Shrink Temperature	+90 °C
Operating Temperature	-55 °C to +135 °C
Insulation Class	B (VDE 0530)
Dielectric Strength	20 kV/mm according to ASTM D 2671
Flammability	self-extinguishing (except for transparent)



New Standard: Shrink Ratio 3:1

Technical Table

Article-No.	Comp.	Supplied Ø D	Recov. Ø d	Length (L)	Wall (WT)	Colour	Number of tubes
380-03002 ShrinKit 321 Universal	1	6	2	60	0.70	Black (BK)	50
	2	12	4	100	0.70	Black (BK)	15
Pack Cont.	3	24	8	200	1.00	Black (BK)	10
	4	6	2	60	0.70	Green-Yellow (GNYE)	50
	5	3	1	50	0.55	Transparent (CL)	100
	6	3	1	50	0.55	Black (BK)	100
	7	12	4	100	0.70	Transparent (CL)	15
	8	12	4	100	0.70	Red (RD)	15
	9	3	1	50	0.55	Red (RD)	100
	10	3	1	40	0.55	Blue (BU)	100
	11	3	1	40	0.55	Green-Yellow (GNYE)	100
	12	1.5	0.5	40	0.45	Black (BK)	75
	12	1.5	0.5	40	0.45	Green-Yellow (GNYE)	75
	13	6	2	60	0.70	Blue (BU)	50
	14	6	2	60	0.70	Red (RD)	50
	15	6	2	60	0.70	Transparent (CL)	50
	16	12	4	170	0.70	Green-Yellow (GNYE)	10
	17	12	4	170	0.70	Blue (BU)	10

All dimensions in mm. Subject to technical changes.



Heat Shrinkable Tubing 3:1 in a Kit

• ShrinkKit 321-A - with adhesive liner

Features and Benefits

ShrinkKit 321-A is dual wall heat shrink tubing with a 3:1 shrink ratio. The attractive and reusable kit is ideal for assembling and identification. The inner wall melts when heated and is forced into gaps. When the tubing cools down the adhesive forms a seal against the moisture and protects components. The black tubes are mainly used for the protection of connectors and splices, the clear tubing is ideal for the protection of printed label markers. ShrinkKit 321-A covers a wide range of applications due to its ideal 3:1 shrink ratio. When all tubing has been consumed the case can be re-used for storing nails, screws, nuts, fish hooks, et cetera. The size of the compartments can be changed by simply moving the yellow space dividers.

Content

This kit contains a range of general purpose tubing lengths clearly sorted. Four different sizes are included in black and clear.



ShrinkKit 321-A: permanent protection of identification solutions.



ShrinkKit 321-A.

Material Data	
Material	Polyolefin, cross-linked (POX)
Shrink Ratio	3:1
Longitudinal change after shrinkage	+1%/-15% max.
Minimum Shrink Temperature	+110 °C
Operating Temperature	-55 °C to +110 °C
Softening Point Adhesive	+120 °C
Insulation Class	A (VDE 0530)
Dielectric Strength	15kV/mm according to ASTM D2671
Flammability	self-extinguishing outer wall (black only)



New: With Adhesive

Technical Table

Article-No.	Comp.	Supplied Ø D	Recov. Ø d	Length (L)	Wall (WT)	Colour	Number of tubes
380-03003 ShrinkKit 321-A	1	24	8	200	2.50	Black (BK)	5
	2	12	4	65	1.70	Transparent (CL)	15
Pack Cont.	3	6	2	50	1.10	Black (BK)	20
	3	6	2	50	1.10	Transparent (CL)	20
	4	12	4	65	1.70	Black (BK)	15
	5	3	1	50	1.00	Black (BK)	50
	5	3	1	50	1.00	Transparent (CL)	50
	6	6	2	35	1.10	Black (BK)	30
	6	6	2	35	1.10	Transparent (CL)	30
	7	24	8	200	2.50	Transparent (CL)	5
	8	12	4	100	1.70	Black (BK)	15
	9	12	4	100	1.70	Black (BK)	15
	10	12	4	100	1.70	Transparent (CL)	15
	11	3	1	40	1.00	Black (BK)	50
	11	3	1	40	1.00	Transparent (CL)	50

All dimensions in mm. Subject to technical changes.



Heat Shrinkable Tubing 3:1 in a Kit

• ShrinkKit 321-A Basic - with adhesive liner

Features and Benefits

ShrinkKit 321-A Basic is dual wall heat shrink tubing with a 3:1 shrink ratio. The attractive and reusable kit is ideal for assembling and identification. The inner wall melts when heated and is forced into gaps. When the tubing cools down the adhesive forms a seal against the moisture and protects components. The black tubes are mainly used for the protection of connectors and splices, the clear tubing is ideal for the protection of printed label markers. ShrinkKit 321-A Basic covers a wide range of applications due to its ideal 3:1 shrink ratio. When all tubing has been consumed the case can be re-used for storing nails, screws, nuts, fish hooks, et cetera. The size of the compartments can be changed by simply moving the yellow space dividers.

Content

This kit contains a range of general purpose tubing lengths clearly sorted. Three different sizes are included in black and clear.



ShrinkKit 321-A Basic.

Material Data	
Material	Polyolefin, cross-linked (POX)
Shrink Ratio	3:1
Longitudinal change after shrinkage	+1%/-15% max.
Minimum Shrink Temperature	+110 °C
Operating Temperature	-55 °C to +110 °C
Softening Point Adhesive	+120 °C
Insulation Class	A (VDE 0530)
Dielectric Strength	15kV/mm according to ASTM D2671
Flammability	self-extinguishing outer wall (black only)



Technical Table

Article-No.	Comp.	Supplied Ø D	Recov. Ø d	Length (L)	Wall (WT)	Colour	Number of tubes
380-03004 ShrinkKit 321-A Basic Pack Cont.	1	3	1	35	1.00	Black (BK)	25
	2	12	4	35	1.70	Black (BK)	10
	3	3	1	35	1.00	Transparent (CL)	25
	4	6	2	35	1.10	Black (BK)	15
	5	6	2	35	1.10	Transparent (CL)	15
	6	6	2	35	1.10	Transparent (CL)	15
	7	6	2	35	1.10	Black (BK)	15
	8	12	4	80	1.70	Transparent (CL)	5
	8	12	4	80	1.70	Black (BK)	5

All dimensions in mm. Subject to technical changes.



Heat Shrinkable Tubing 3:1 in a Kit

• ShrinkKit 3:1 Basic - black

Features and Benefits

The compact and handy kit belongs to the Basic equipment for every assembler. Its ideal shrink ratio of 3:1 replaces many differently sized tubing. The application range from 1 mm to 20 mm can be covered with ShrinkKit 3:1 basic.

Content

This kit contains a selection of widely used black tubing in seven sizes and different lengths.



ShrinkKit 3:1 Basic.

Material Data	
Material	Polyolefin, cross-linked (POX)
Shrink Ratio	3:1
Longitudinal change after shrinkage	+5%/-10% max.
Minimum Shrink Temperature	+90 °C
Operating Temperature	-55 °C to +135 °C
Insulation Class	B (VDE 0530)
Dielectric Strength	20 kV/mm according to ASTM D 2671
Flammability	Self extinguishing



Technical Table

Article-No.	Comp.	Supplied Ø D	Recov. Ø d	Length (L)	Wall (WT)	Colour	Number of tubes
380-03001 ShrinkKit 3:1 Basic	1	1.5	0.5	35	0.45	Black (BK)	50
	2	6	2	35	0.70	Black (BK)	30
	3	3	1	35	0.55	Black (BK)	25
	4	6	2	35	0.70	Black (BK)	15
	5	6	2	35	0.70	Black (BK)	15
	6	3	1	35	0.55	Black (BK)	25
	7	1.5	0.5	35	0.45	Black (BK)	50
	8	18	6	80	0.80	Black (BK)	5
	8	12	4	80	0.70	Black (BK)	5

All dimensions in mm. Subject to technical changes.



Heat Shrinkable Tubing 3:1 in a Kit

• ShrinkKit 3z1 Universal Basic

Features and Benefits

This compact and handy kit is part of the basic toolbox for every assembler. Its ideal shrink ratio of 3:1 replaces many differently sized tubings. An application range from 1 mm to 15 mm can be covered with ShrinkKit 3z1 Universal Basic

Content

This compact kit contains a selection of widely used coloured tubing in five sizes and five colours in different lengths. The kit contains 177 pieces in total.



The right tubing size at hand for any application: ShrinkKit 3z1 Universal, ShrinkKit 3z1-A, ShrinkKit 3z1 Basic, ShrinkKit 3z1-A Basic, ShrinkKit 3z1 Universal Basic.

Material Data	
Material	Polyolefin, cross-linked (POX)
Shrink Ratio	3:1
Longitudinal change after shrinkage	+5%/-10% max.
Minimum Shrink Temperature	+90 °C
Operating Temperature	-55 °C to +135 °C
Insulation Class	B (VDE 0530)
Dielectric Strength	20 kV/mm according to ASTM D 2671
Flammability	Self extinguishing



Technical Table

Article-No.	Comp.	Supplied Ø D	Recov. Ø d	Length (L)	Wall (WT)	Colour	Number of tubes
380-03005 ShrinkKit 3z1 Universal Basic	1	12	4	35	0.70	Black (BK)	12
	2	6	2	80	0.70	Blue (BU)	5
	2	6	2	80	0.70	Red (RD)	5
	2	6	2	80	0.70	White (WH)	5
	2	12	4	80	0.70	Black (BK)	2
	2	12	4	80	0.70	Blue (BU)	2
	2	12	4	80	0.70	Red (RD)	2
	3	6	2	35	0.70	Blue (BU)	10
	3	6	2	35	0.70	White (WH)	10
	3	6	2	35	0.70	Red (RD)	10
	4	9	3	35	0.70	Green-Yellow (GNYE)	15
	5	9	3	35	0.70	Black (BK)	20
	6	3	1	35	0.55	Black (BK)	10
	6	3	1	35	0.55	Red (RD)	10
	6	3	1	35	0.55	White (WH)	10
	6	3	1	35	0.55	Blue (BU)	10
	7	6	2	35	0.70	Black (BK)	20
	7	6	2	35	0.70	Green-Yellow (GNYE)	10
	8	18	6	160	0.80	Black (BK)	3
	8	18	6	160	0.80	White (WH)	3
	8	18	6	160	0.80	Green-Yellow (GNYE)	3

All dimensions in mm. Subject to technical changes.