

Heat shrinkable tubing

Material: irradiated cross-linked polyolefin
colour: black



Construction and application

Extremely flexible thin walled heat shrinkable tubing. Flame retardant and self-extinguishing. Well suited as insulation material for cables, leadings or cable connectors. All tubing are marked with printed UL- and CSA-numbers and therefore well suited for export-orders which require a certificate about the UL/CSA-registration.

Part-No.	technical data					
	before shrinking inside-Ø		after total shrinking		quantity per spool	specification
	inch	mm	Inside-Ø max. mm	wall- thickness		
30061	3/64	1,2	0,6	0,40	300 m	shrink-ratio: 2:1
30062	1/16	1,6	0,8	0,43	300 m	temperature resistance: -55° C up to +125° C
30063	3/32	2,4	1,2	0,51	150 m	min. shrink temperature: +90° C
30064	1/8	3,2	1,6	0,51	150 m	flame retardant/self-extinguishing
30065	3/16	4,8	2,4	0,51	60 m	dielectric strength: 25 kV/mm
30066	1/4	6,4	3,2	0,64	60 m	tensile strength: 10,3 MPa
30067	3/8	9,5	4,8	0,64	60 m	breaking elasticity 200 %
30068	1/2	12,7	6,4	0,64	60 m	specification: UL and CSA
30069	3/4	19,1	9,5	0,76	60 m	standard colour: black, other colours on request
30070	1	25,4	12,7	0,89	60 m	
30072	1 1/2	38,1	19,1	1,02	60 m	
30073	2	50,8	25,4	1,14	60 m	

Heat shrinkable tubing

Material: irradiated cross-linked polyolefin
colour: transparent



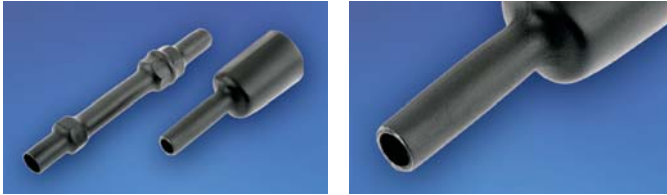
Construction and application

Flexible thin walled heat shrinkable tubing with a good mechanical and chemical stability. Don't tear also when shrinking the material about objects with sharp edges. The material offer so multifarious possibilities for application in the industry as well as military field. Suitable for the insulation of busbars, cables, connectors or other power leading parts.

Part-No.	technical data					
	before shrinking inside-Ø		after total shrinking		quantity per spool	specification
	inch	mm	Inside-Ø max. mm	wall- thickness		
30080	3/64	1,2	0,6	0,40	300 m	shrink-ratio: 2:1
30081	1/16	1,6	0,8	0,43	300 m	temperature resistance: -55° C up to +135° C
30082	3/32	2,4	1,2	0,51	150 m	min. shrink temperature: +115° C
30083	1/8	3,2	1,6	0,51	150 m	not self-extinguishing
30084	3/16	4,8	2,4	0,51	60 m	dielectric strength: 20 kV/mm
30085	1/4	6,4	3,2	0,64	60 m	tensile strength: 10,3 MPa
30086	3/8	9,5	4,8	0,64	60 m	breaking elasticity: 200 %
30087	1/2	12,7	6,4	0,64	60 m	specification: MIL and VG
30088	3/4	19,1	9,5	0,76	60 m	standard colour: transparent
30089	1	25,4	12,7	0,89	60 m	
30090	1 1/2	38,1	19,1	1,02	60 m	
30091	2	50,8	25,4	1,14	60 m	
30092	3	76,2	38,1	1,27	60 m	
30093	4	101,6	50,8	1,40	30 m	

Heat shrinkable tubing

Material: irradiated cross-linked polyolefin
colour: black



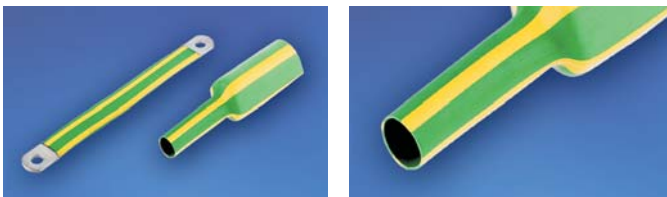
Construction and application

Flexible thin walled heat shrinkable tubing with a good mechanical and chemical stability. Don't tear also when shrinking the material about objects with sharp edges. Easy to mark by printing the outside of the tubing. Therefore multifarious applications are given e.g. insulation of busbars, cables, connectors etc.

Part-No.	technical data					
	before shrinking Inside-Ø		after total shrinking		quantity per spool	specification
	inch	mm	Inside-Ø max. mm	wall- thickness		
30100	3/64	1,2	0,6	0,40	300 m	shrink-ratio: 2:1
30101	1/16	1,6	0,8	0,43	300 m	temperature resistance: -55° C up to +135° C
30102	3/32	2,4	1,2	0,51	150 m	min. shrink temperature: +90° C
30103	1/8	3,2	1,6	0,51	150 m	flame retardant/self-extinguishing
30104	3/16	4,8	2,4	0,51	60 m	dielectric strength: 20 kV/mm
30105	1/4	6,4	3,2	0,64	60 m	tensile strength: 10,3 MPa
30106	3/8	9,5	4,8	0,64	60 m	breaking elasticity: 200 %
30107	1/2	12,7	6,4	0,64	60 m	specification: MIL and UL
30108	3/4	19,1	9,5	0,76	60 m	standard colour: black, other colours on request
30109	1	25,4	12,7	0,89	60 m	
30110	1 1/2	38,1	19,1	1,02	60 m	
30111	2	50,8	25,4	1,14	60 m	
30112	3	76,2	38,1	1,27	60 m	
30113	4	101,6	50,8	1,40	30 m	

Heat shrinkable tubing for earthing applications

Material: irradiated cross-linked polyolefin
Colour: yellow/green



Construction and application

Flexible thin walled heat shrinkable tubing, flame retardant and self-extinguishing. Well suited for a marking of earthing connections. Caused by the special production process (dual-colour-extrusion) it is guaranteed that the material either doesn't fade nor it is possible to rub off the colour.

Part-No.	technical data					
	before shrinking Inside-Ø		after total shrinking		quantity per spool	specification
	inch	mm	Inside-Ø max. mm	wall- thickness		
30182	3/64	1,2	0,6	0,41	300 m	shrink-ratio: 2:1
30183	1/16	1,6	0,8	0,43	300 m	temperature resistance: -55° C up to +135° C
30184	3/32	2,4	1,2	0,51	150 m	min. shrink temperature: +90° C
30185	1/8	3,2	1,6	0,69	150 m	flame retardant/self-extinguishing
30186	3/16	4,8	2,4	0,84	60 m	dielectric strength: 20 kV/mm
30187	1/4	6,4	3,2	0,90	60 m	tensile strength: 10,3 MPa
30188	3/8	9,5	4,8	1,00	60 m	breaking elasticity: 100 %
30189	1/2	12,7	6,4	1,20	60 m	specification: MIL and UL
30190	3/4	19,1	9,5	1,40	60 m	standard colour: yellow/green
30191	1	25,4	12,7	1,80	60 m	
30192	1 1/2	38,1	19,1	2,40	60 m	
30193	2	50,8	25,4	2,40	60 m	

Heat shrinkable tubing

Material: irradiated cross-linked polyolefin
colour: black



Construction and application

Flexible thin walled heat shrinkable tubing with high shrink-ratio (4:1) and less longitudinal change (max. 5 %). Well suited for repair works, because only 5 dimensions are needed to cover a wide diameter range. Delivery in cut length of 0,9/1,2 m.

Part-No.	technical data					
	before shrinking inside-Ø		after total shrinking		cut- length	specification
	inch	mm	inside-Ø max. mm	wall- thickness		
13060	1	25,4	6,6	1,52	1,2 m	shrink-ratio: 4:1
13061	1 1/2	38,1	9,5	1,52	1,2 m	temperature resistance: -55° C up to +135° C
13062	2	50,8	12,7	1,52	1,2 m	min. shrink temperature: +90° C
13063	3	76,2	19,1	1,52	0,9 m	flame retardant/self-extinguishing
13064	4	101,6	25,4	1,52	0,9 m	dielectric strength: 20 kV/mm
						tensile strength: 10,3 MPa
						breaking elasticity: 200 %
						specification: MIL and UL
						standard colour: black

Heat shrinkable tubing

Material: irradiated cross-linked polyolefin
with and without adhesive, colour: black



Construction and application

Flexible medium walled heat shrinkable tubing as desired with or without adhesive. Well suited for protecting and insulating of components inside of low voltage or outdoor applications. The adhesive melts when shrinking the tube, so that the components are protected against moisture. Delivery in cut length of 1,2 m.

Type A: without glue inside, **Type B:** with glue inside

Part-No.		technical data				
type A	type B	Inside-Ø before shrinking	after total shrinking		cut- length	specification
		mm	inside-Ø max. mm	wall- thickness		
13066	13068	10,2	3,8	1,5	1,2 m	shrink-ratio: 3:1
30122	15821	19,0	5,6	2,0	1,2 m	temperature resistance: -55° C up to +125° C
15803	15823	28,0	9,5	2,0	1,2 m	min. shrink temperature: +120° C
15804	13069	33,0	10,2	2,0	1,2 m	not self-extinguishing
30128	15824	38,1	12,7	2,3	1,2 m	dielectric strength: 20 kV/mm
30129	15825	44,0	14,0	2,3	1,2 m	tensile strength: 14 MPa
15806	15826	52,1	18,2	2,3	1,2 m	breaking elasticity: 300 %
15808	15828	70,0	25,5	2,3	1,2 m	specification: -
15809	15829	90,0	30,0	2,5	1,2 m	standard colour: black

Dual wall heat shrinkable tubing
with adhesive
colour: black



Construction and application

Flexible dual wall heat shrinkable tubing. Material of the outer wall polyolefin and polyamide for the inner wall. The adhesive melts when shrinking the tube, so that components are protected against moisture. Delivery in cut length of 1,2 m.

Part-No.	technical data				specification
	inside-Ø before shrinking mm	after total shrinking inside-Ø wall-max. mm thickness		cut-length	
30195	3	1,0	1,00	1,2 m	shrink-ratio: 3:1
30196	4,5	1,5	1,00	1,2 m	temperature resistance: -55° C up to +110° C
30197	6	2,0	1,00	1,2 m	min. shrink temperature: +120° C
30198	9	3,0	1,40	1,2 m	flame retardant/self-extinguishing
30199	12	4,0	1,75	1,2 m	dielectric strength: 20 kV/mm
30200	19	6,0	2,25	1,2 m	tensile strength: 16 MPa
30201	24	8,0	2,50	1,2 m	breaking elasticity: 450 %
					specification: UL and MIL
					standard colour: black

PVC insulating tubing
colour: grey
temperature resistance: -20° C up to +90° C

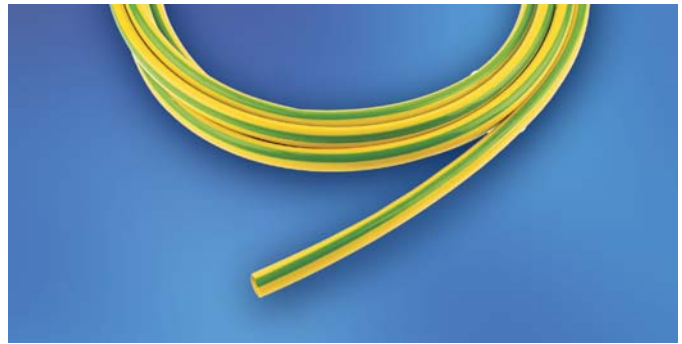


Part-No.	technical data			Part-No.	technical data		
	inside-Ø	dimensions mm wall-thickness ca.	length of the rolls		inside-Ø	dimensions mm wall-thickness ca.	length of the rolls
54140	5	0,6	200 m	54190	35	1,0	25 m
54142	6	0,6	200 m	54192	40	1,0	25 m
54144	7	0,7	200 m	54194	45	1,0	25 m
54146	8	0,7	200 m	54195	50	1,0	25 m
54148	9	0,7	200 m	54196	55	1,0	25 m
54150	10	0,7	100 m	54198	60	1,0	25 m
54154	12	0,8	100 m	54199	65	1,0	25 m
54158	14	1,0	100 m	54200	70	1,0	25 m
54162	16	1,0	100 m	54202	75	1,0	25 m
54164	18	1,0	100 m	54204	80	1,0	25 m
54166	22	1,2	50 m	54206	85	1,0	25 m
54172	24	1,2	50 m	54208	90	1,0	25 m
54176	26	1,2	50 m	54210	95	1,0	25 m
54178	28	1,2	50 m	54211	100	1,0	25 m
54182	30	1,0	25 m				

PVC insulating tubing

colour: yellow/green

temperature resistance: -20° C up to +90° C



Part-No.	technical data			Part-No.	technical data		
	inside-Ø max. mm	dimensions mm wall- thickness ca.	length of the rolls		inside-Ø max. mm	dimensions mm wall- thickness ca.	length of the rolls
13095	2	0,4	50 m	13100	12	0,8	25 m
13096	4	0,5	50 m	13101	14	0,8	25 m
13097	6	0,6	25 m	13118	16	0,8	25 m
13098	8	0,6	25 m	13119	20	0,8	25 m
13099	10	0,7	25 m				

Silicone insulating tubing

nature colour

temperature resistance: -50° C up to +180° C



Part-No.	technical data			Part-No.	technical data		
	inside-Ø max. mm	dimensions mm wall- thickness ca.	length of the rolls		inside-Ø max. mm	dimensions mm wall- thickness ca.	length of the rolls
15890	2	0,4	100 m	13106	24	1,0	25 m
15891	3	0,4	100 m	13107	26	1,0	25 m
15892	4	0,5	100 m	13108	28	1,0	25 m
15893	5	0,6	100 m	13109	30	1,0	25 m
15894	6	0,6	100 m	13110	35	1,0	25 m
15895	7	0,7	100 m	13111	40	1,0	25 m
15896	8	0,7	50 m	13112	45	1,0	25 m
15897	10	0,7	50 m	13113	50	1,0	25 m
15898	12	0,8	50 m	13114	55	1,0	25 m
13102	14	0,8	25 m	13115	60	1,0	25 m
13103	18	1,0	25 m	13116	65	1,0	25 m
13104	20	1,0	25 m	13117	70	1,0	25 m
13105	22	1,0	25 m				