

Single Wall Heat Shrinkable Tubing

Thermafix®



- Cost effective, single wall polyolefin
- Low shrink temperature — shrinks 2:1 at 90°C (194°F)
- UL recognized and CSA certified at 125°C (257°F), 600V
- Excellent flexibility and high flame-retardance
- Mil-I-23053/5, class 1 and 3
- Wide range of sizes and colors



12000 Series



13000 Series

Small and Medium Spools

(for Larger spools see "Bulk", pg. 4)



Original Diam. Inches	Length Feet	Part Numbers									
		Black	White	Red	Orange	Yellow	Green	Blue	Violet	Grey	Clear*
Small Spools											
3/64	25	12100	12190								12110
1/16	25	12009	12099	12029	12039	12049	12059	12069	12079	12089	12019
3/32	25	12200	12290								12210
1/8	25	12000	12090	12020	12030	12040	12050	12060	12070	12080	12010
3/16	25	12001	12091	12021	12031	12041	12051	12061	12071	12081	12011
1/4	15	12002	12092	12022	12032	12042	12052	12062	12072	12082	12012
3/8	10	12003	12093	12023	12033	12043	12053	12063	12073	12083	12013
1/2	10	12004	12094	12024	12034	12044	12054	12064	12074	12084	12014
Medium Spools											
3/64	100	13100									13110
1/16	100	13009	13099	13029	13039	13049	13059	13069	13079	13089	13019
3/32	100	13200	13290								13210
1/8	100	13000	13090	13020	13030	13040	13050	13060	13070	13080	13010
3/16	100	13001	13091	13021	13031	13041	13051	13061	13071	13081	13011
1/4	75	13002	13092	13022	13032	13042	13052	13062	13072	13082	13012
3/8	50	13003	13093	13023	13033	13043	13053	13063	13073	13083	13013
1/2	40	13004	13094	13024	13034	13044	13054	13064	13074	13084	13014
3/4	20	13005	13095	13025	13035	13045	13055	13065	13075	13085	13015
1	10	13006	13096	13026	13036	13046	13056	13066	13076	13086	13016
1-1/2**	8	13007	13097	13027	13037	13047	13057	13067	13077	13087	13017
2**	6	13008	13098	13028	13038	13048	13058	13068	13078	13088	13018

*Clear is not CSA/UL rated as flame retardant.

**1-1/2" and 2" are packaged in a poly bag.

Single Wall Heat Shrinkable Tubing

Thermafix®

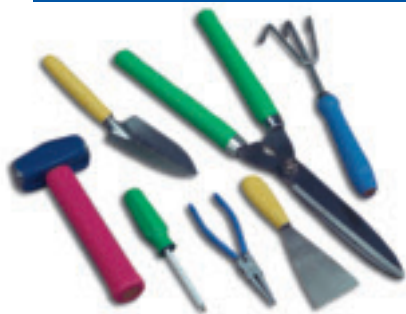
Small and Large Blister Cards

Part Number	Description	Color	Pcs./Pack
Large Blister Cards:			
11001	2" diam. x 12" long	Black	1
11002	2" diam. x 12" long	White	1
11003	1.5" diam. x 24" long	Blue	1
11004	1.5" diam. x 24" long	Red	1
11005	1.5" diam. x 24" long	Green	1
11006	1.5" diam. x 24" long	Yellow	1
11007	1" diam. x 12" long	Assorted	4
11016	1/8" to 1" diam. x 12" long	Assorted	7
Small Blister Cards:			
11008	1 pc 3/4"; 2 pc 1/2"; 2 pc 3/8"x 6" long	Black / White	5
11010	1/2" diam. x 6" long	Assorted	5
11011	3/8" diam. x 6" long	Assorted	5
11012	2 pc 1/4"; 2 pc 3/16"; 2 pc 1/8"x 6" long	Black / White	6
11014	1/4" diam. x 6" long	Assorted	6
11015	3/16" diam. x 6" long	Assorted	6
11009	1/8" diam. x 6" long	Assorted	6
11013	2 pc 1/16"; 2 pc 3/64"; 2 pc 3/32"x 6" long	Black	6



11000 Series

Choose the right size of Thermafix® to...



Cover, protect, and identify tools...



Use around the home, garage, and cottage...



Customize and repair sporting equipment...

Make professional looking repairs easier.



Heat Shrinkable Tubing & Terminals

Single Wall Heat Shrinkable Tubing

Thermafix®

Bulk Program

Note:

Some sizes and colors are available by special order only. Contact Customer Service with your requirements.

Popular 4 ft. lengths in poly bags



Original Diam. Inches	Pieces Per Bag	Colors and Part Numbers						
		Black	White	Red	Yellow	Green	Blue	Clear*
1/16	25	91009	91099	91029	91049	91059	91069	91019
3/32	25	91200	91290	91220	91240	91250	91260	91210
1/8	25	91000	91090	91020	91040	91050	91060	91010
3/16	25	91001	91091	91021	91041	91051	91061	91011
1/4	15	91002	91092	91022	91042	91052	91062	91012
3/8	15	91003	91093	91023	91043	91053	91063	91013
1/2	10	91004	91094	91024	91044	91054	91064	91014
3/4	10	91005	91095	91025	91045	91055	91065	91015
1	10	91006	91096	91026	91046	91056	91066	91016
1-1/2	5	91007	91097	91027	91047	91057	91067	91017
2	5	91008	91098	91028	91048	91058	91068	91018
3	5	91300	91390	91320	91340	91350	91360	91310

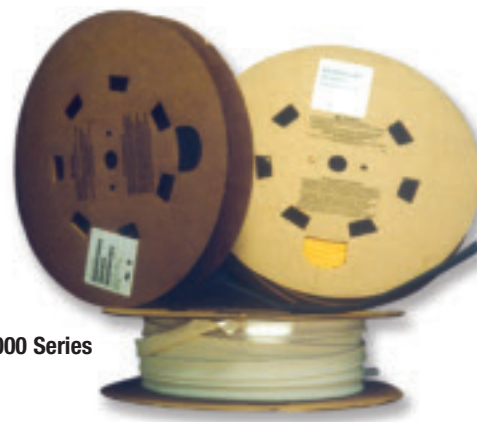
Large Spools

Original Diam. Inches	Length Feet	Colors and Part Numbers									
		Black	White	Red	Orange	Yellow	Green	Blue	Violet	Grey	Clear*
3/64	1000	19100	19190	19120	19130	19140	19150	19160	19170	19180	19110
1/16	1000	19009	19099	19029	19039	19049	19059	19069	19079	19089	19019
3/32	500	19200	19290	19220	19230	19240	19250	19260	19270	19280	19210
1/8	500	19000	19090	19020	19030	19040	19050	19060	19070	19080	19010
3/16	500	19001	19091	19021	19031	19041	19051	19061	19071	19081	19011
1/4	250	19002	19092	19022	19032	19042	19052	19062	19072	19082	19012
3/8	200	19003	19093	19023	19033	19043	19053	19063	19073	19083	19013
1/2	150	19004	19094	19024	19034	19044	19054	19064	19074	19084	19014
3/4	100	19105	19195	19125	19135	19145	19155	19165	19175	19185	19115
3/4	250	19005	19095	19025	19035	19045	19055	19065	19075	19085	19015
1	100	19106	19196	19126	19136	19146	19156	19166	19176	19186	19116
1	250	19006	19096	19026	19036	19046	19056	19066	19076	19086	19016
1-1/2	125	19007	19097	19027	19037	19047	19057	19067	19077	19087	19017
2	125	19008	19098	19028	19038	19048	19058	19068	19078	19088	19018
3	100	19300	19390	19320	19330	19340	19350	19360	19370	19380	19310
4	100	19400	19490	19420	19430	19440	19450	19460	19470	19480	19410

*Clear is not CSA/UL rated as flame retardant.

Cutting Service

Custom cutting is available. Select the part number from the "Large Spools" table. (Minimum order must be the equivalent of one spool). Contact customer service for details.



19000 Series

Dual Wall Heat Shrinkable Tubing

Thermafix Plus™ (Semi-Rigid)

Thermafix Plus™ is a semi-rigid, 'dual wall' tubing, designed to meet automotive industry requirements for environmental sealing. As the tubing is heated, an inner wall of adhesive melts and flows to form an effective barrier against automotive fluids and moisture. This helps to protect the harness from the effects of corrosion and water wicking.



- Semi-rigid, flame-retardant polyolefin jacket
- Inner layer of specially formulated adhesive
- **High shrink ratio of 4:1**
- Extended temperature range of -40°C to 130°C (-40°F to 266°F)
- Markings for size
- UL 224 600V, 125°C



Part Numbers by color & pack size		Blister card (3" lengths)		Poly bag (6" lengths)			Poly bag (4 ft. lengths)		
Size	Original Diam.	#pcs	Black	# pcs	Black	Clear	#pcs	Black	Clear
Assorted		5	14000	7	15000	15010	n/a	n/a	n/a
#1	0.225"	10	14001	14	15001	15011	25	54801	54811
#2	0.293"	8	14002	12	15002	15012	25	54802	54812
#3	0.427"	5	14003	10	15003	15013	20	54803	54813
#4	0.700"	2	14004	5	15004	15014	15	54804	54814

Thermafix DWP™ (Flexible)

Thermafix DWP™ is a flexible, 'dual wall' tubing, used for sealing and protecting mechanical and electrical systems (including splices, breakouts, and connector-to-cable transitions).

- Flexible, flame-retardant polyolefin jacket
- Available from 1/8" to 1" original diameter
- **High shrink ratio of 3:1**
- Adhesive lining
- Meets UL 224 600V, 125°C and MIL-I-23053/4



Original Diam.	Poly bag (12" lengths)			Poly bag (4 ft. lengths)		
	#pcs	Black	Red	#pcs	Black	Red
1/8	8	31100	31120	50	31400	31420
3/16	8	31101	31121	50	31401	31421
1/4	8	31102	31122	25	31402	31422
3/8	8	31103	31123	25	31403	31423
1/2	8	31104	31124	25	31404	31424
3/4	4	31105	31125	25	31405	31425
1	4	31106	31126	15	31406	31426
1 1/2	4	31107	31127	15	31407	31427

DWP is now available in other colors by special order only (minimum quantities apply).

Heat Shrinkable Tubing & Terminals

Heavy Duty & Self-Sealing Heat Shrinkable Tubing

Thermafix ST™

- Provides excellent strain relief and abrasion protection
- **Shrink ratio as high as 3:1**
- Meltable lining provides protection underwater and underground (for without meltable lining, see Thermafix ST™ Non-Adhesive below)
- Rated for up to 600 volts, 90°C (194°F) continuous
- Meets UL listing per Standard E15664(s)



Available in various lengths as follows:

Diameter		For Cable Range (AWG/MCM)	Pcs /bag	(8" pcs)*		(12" pcs)*		(4 ft. pcs)*			
(original) in.	(final) in.			Part Number	Part Number	Part Number	Part Number				
				Black	Red	Black	Red	Black	Red		
0.4	0.15	#14-#10	4	80604*	70604*	4	81004*	71004*	10	83004*	73004*
0.75	0.22	#8 - #1	4	80807	70807	4	81207	71207	10	84807	74807
1.1	0.38	#2 - #4/0	2	80811	70811	2	81211	71211	5	84811	74811
1.3	0.38	#2 - #4/0	2	80813		2	81213		5	84813	
1.5	0.5	#2/0 - 500	2	80815		2	81215		2	84815	
1.7	0.5	#2/0 - 500	2	80817		2	81217		2	84817	
2	0.75	#350 - 1000	2	80820		2	81220		2	84820	
3	1.25	#900 - 1500	2	80830		2	81320		2	84830	
4	1.75	#1500 - 2500	2	80840		2	81240		2	84840	

* Important: Diam. 0.40 is available in lengths of 6", 10" or 30" (i.e. not 8", 12" or 4ft.)

Thermafix ST™ Non-Adhesive

Diameter (in.)	Length (in.)	No. of Pcs.	Color	Part #
0.75	48"	10	Black	84807NA
1.1	48"	5	Black	84811NA
1.5	48"	2	Black	84815NA

Thermafix ST™ in popular sizes for automotive applications.

Diameter (in.)	Length (in.)	No. of Pcs.	Color	Part #
1.1	1.5	6	Black	15005
1.1	1.5	6	Red	15025
1.1	1.5	6	Black / Red	15085
1.1	6	2	Black	15605
1.1	6	2	Red	15625
0.75	6	4	Black	80607
0.75	6	4	Red	70607



General purpose sealant lining provides an environmental seal and will adhere to non-oily substances. The tubing can be removed where re-entry is necessary.



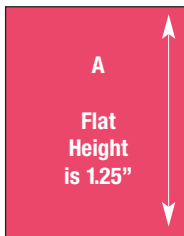
Custom Cut & Printed Thermafix®

Whether for identification or function, custom cut and printed Thermafix® is an effective and economical solution.

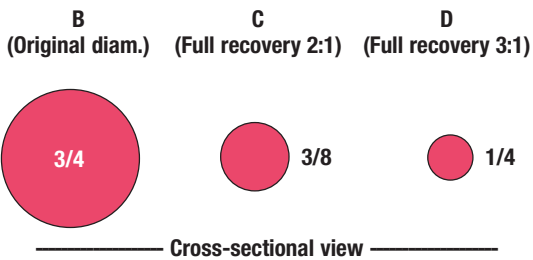
Sizing

- Tubing is available in 2:1 or 3:1 shrink ratios.
- Pieces are available in any length (priced per inch). Most common lengths are 1 to 2" (25 to 50mm).
- Printing can be on one or both sides of the flattened tube. Flat tube "height" in relation to round diameter is shown as per the following example and in the table below:

Example for 3/4 Tubing



Side view



Cross-sectional view

A (Flat height)	B (Original diam.)	C (Full recovery 2:1)	D (Full recovery 3:1)
9/32	1/8	1/16	N/A
12/32	3/16	3/32	N/A
7/16	1/4	1/8	1/12
9/16	3/8	3/16	1/8
7/8	1/2	1/4	1/6
1-1/4	3/4	3/8	1/4
1-11/16	1	1/2	1/3
2-3/8	1-1/2	3/4	1/2

Design

Determine elements required such as:

- Text/description
- Logos (E-mail or supply disk with graphics file in Windows compatible format)
- Any sequential numbering required (e.g. serial numbers)
- Submit a sample drawing using "flat height" sizing
- Please allow an adequate margin on all sides of image

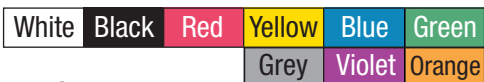
Other Considerations

- Available cut, or not cut (i.e. rolled)
- Available in single or dual wall (black only)
- Heat Shrinkable Adhesive "tape" available for extra durability and grip. (See page 7)

Colors Available

Colors of tubing available:

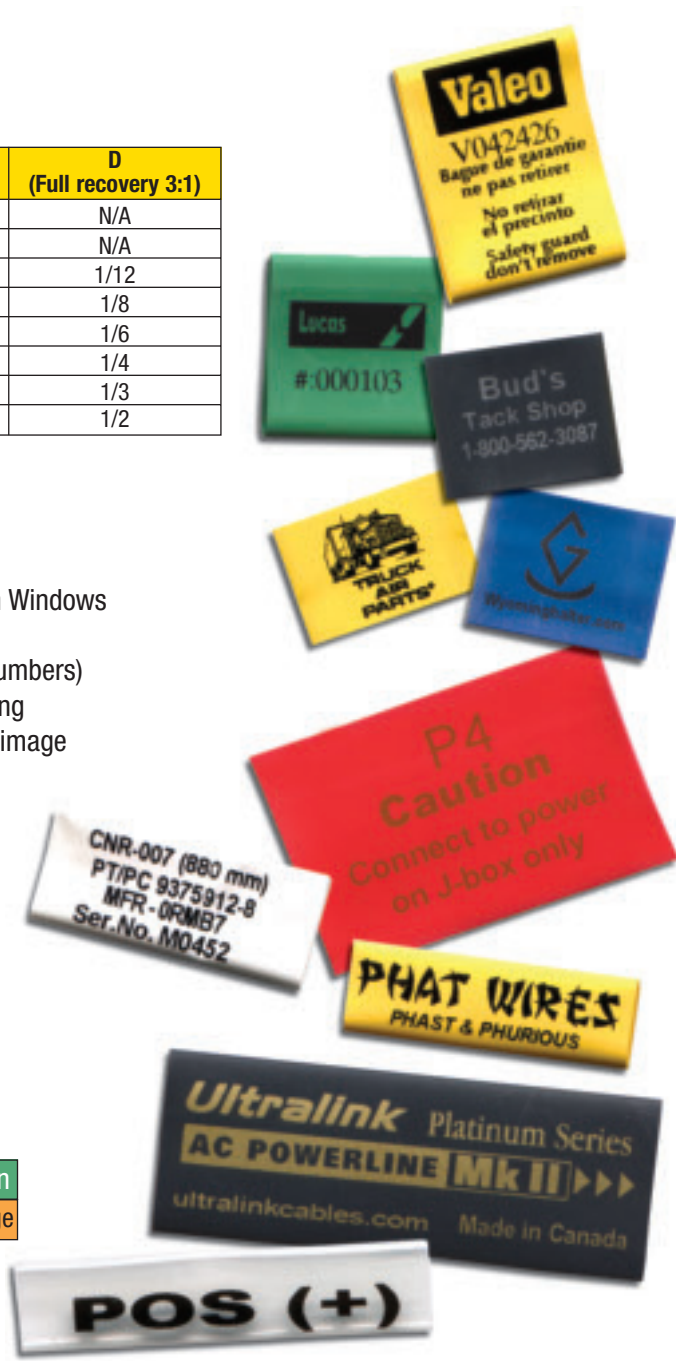
2:1 Shrink Ratio



3:1 Shrink Ratio



Colors of print available:

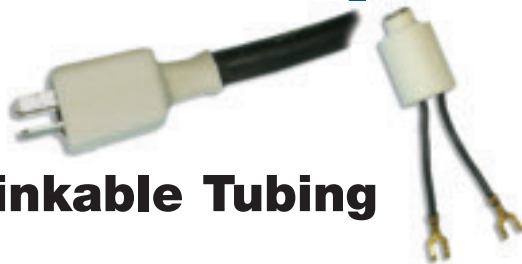


Heat Shrinkable Tubing & Terminals

Other Specialty Heat Shrink Products and Tubing

Thermafix 3X™

Low Shrink Temperature/ High Shrink Ratio Heat Shrinkable Tubing



- Very flexible, highly flame retardant, low-shrink temperature polyolefin
- Shrink ratio of 3:1
- UL VW-1 and CSA OFT
- Standard colors are black and white
(for custom colors please contact customer service)



Original Diam. (in.)	Medium Spools Part Numbers		Bulk Spools Part Numbers			
	ft.	Black	White	ft.	Black	White
1/4	75	23002	23092	250	23902	23992
3/8	50	23003	23093	200	23903	23993
1/2	40	23004	23094	150	23904	23994
3/4	20	23005	23095	250	23905	23995
1	10	23006	23096	250	23906	23996
1-1/2*	8	23007	23097	98	23907	23997

*1/1/2" x 8' is poly bagged

Thermafix DC™

Flexible, Flame-retardant, Dual Color Polyolefin Tubing



Used to identify "ground" on wires and in cables, and to jacket and insulate light duty harnesses.

- CSA/UL rated for 600V, 125°C
- Shrink ratio of 2:1
- Dual colors (yellow/green) for instant identification
- Flame retardant
- Flexible to conform to irregular shapes
- Excellent physical, chemical and electrical properties that meet industry standards for highly reliable, general purpose tubing

Original Diam. (in.)	Medium Spools		Bulk Spools	
	ft.	Yellow Green	ft.	Yellow Green
1/8	100	13451	450	19451
1/4	75	13452	225	19452
3/8	50	13453	150	19453
1/2	40	13454	150	19454
3/4	20	13455	150	19455
1	10	13456	75	19456

Thermafix Kynar®

High Temperature Heat Shrinkable Tubing



- Semi-rigid, high performance, flame resistant, polyvinylidene fluoride
- Ideal for high temperature applications to 175°C (347°F)
- Superior chemical and solvent properties
- Shrink ratio of 2:1
- Meets CSA Std 198 OFT 600V, 125°C ; UL224 VW-1; and, MIL-I-23053/8
- Standard color is clear

Original Diam. (in.)	Standard 4 ft. lengths			
	pcs	part #	pcs	part #
1/16	50	29009	10	29019
3/32	50	29200	10	29210
1/8	50	29000	10	29010
3/16	50	29001	10	29011
1/4	25	29002	5	29012
3/8	25	29003	5	29013
1/2	25	29004	5	29014
3/4	25	29005	5	29015

Thermafix Adhesive™ Hot Melt Glue in Film Form

Not heat shrink tubing, but ideal for use with non-adhesive lined heat shrink tubings in low temperature applications. Simply place underneath tubing, prior to heating, and material will melt and flow similar to pre-installed adhesive linings. Use with single wall tubing to get dual wall results.



Part #	Width	Length
10175	1"	5' strip
10170	1"	50' roll

Thermafix SolderSplice™

Wire-to-wire Splices

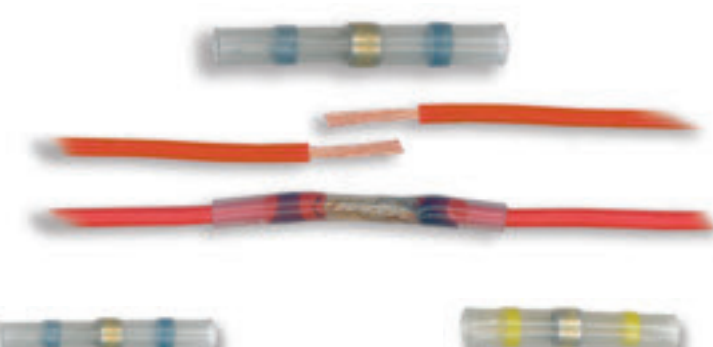
Thermafix SolderSplice™ wire-to-wire splices feature a fluxed solder preform within a heat shrinkable thermoplastic sleeve. This provides a completely soldered, strain-relieved, encapsulated connection. The one-piece, one-step design simplifies installation.



- Controlled soldering combined with shrink tubing in one step
- Strain relief
- Max operating temperatures to 125°C (257°F)
- Color-coded sealing rings
- Transparent sleeves easy to inspect

Triple action:

- sleeve shrinks
- center ring of solder melts to connect
- outer rings of color-coded plastic seal



Wire Gauge 22-18

Convenience Packs	
Pcs/ pack	Part Number
18	26004
100	26104
Bulk Pack	
Pcs/ pack	Part Number
1000	26904

Wire Gauge 16-14

Convenience Packs	
Pcs/ pack	Part Number
18	26005
100	26105
Bulk Pack	
Pcs/ pack	Part Number
1000	26905

Wire Gauge 12-10

Convenience Packs	
Pcs/ pack	Part Number
12	26006
50	26106
Bulk Pack	
Pcs/ pack	Part Number
500	26806

Thermafix Crimp™

Heat Shrinkable and adhesive-lined, Thermafix Crimp™ products insulate and protect electrical connections from mechanical abuse, wire pull-out, and abrasion while resisting water, salt, and other contaminants.

- Rugged, heat shrinkable nylon
- Hot melt adhesive lining
- Transparent for easy installation
- Extended temp. range of -55°C to 125°C
- Color-coded for AWG 22 to 10
- High strength crimp barrels



Butt Splice Assorted

Convenience Packs	
Pcs/ pack	Part Number
18	16001



Terminals Assorted

Convenience Packs	
Pcs/ pack	Part Number
18	16002

Butt Splices

Wire Gauge 22-18

Convenience Packs	
Pcs/ pack	Part Number
18	16004
100	16104
Bulk Pack	
Pcs/ pack	Part Number
1000	16904

Wire Gauge 16-14

Convenience Packs	
Pcs/ pack	Part Number
18	16005
100	16105
Bulk Pack	
Pcs/ pack	Part Number
1000	16905

Wire Gauge 12-10

Convenience Packs	
Pcs/ pack	Part Number
12	16006
50	16106
Bulk Pack	
Pcs/ pack	Part Number
500	16806

Thermafix Crimp™

Part Numbers and Pack Sizes for Standard Shapes

Ring Terminal



#8 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16023
100	16123
Bulk Pack	
Pcs/ pack	Part Number
1000	16923



#10 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16007
100	16107
Bulk Pack	
Pcs/ pack	Part Number
1000	16907



1/4 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16025
100	16125
Bulk Pack	
Pcs/ pack	Part Number
1000	16925



5/16 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16030
75	16130
Bulk Pack	
Pcs/ pack	Part Number
1000	16930



3/8 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16027
75	16127
Bulk Pack	
Pcs/ pack	Part Number
1000	16927



#8 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16024
100	16124
Bulk Pack	
Pcs/ pack	Part Number
1000	16924



#10 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16009
100	16109
Bulk Pack	
Pcs/ pack	Part Number
1000	16909



1/4 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16026
100	16126
Bulk Pack	
Pcs/ pack	Part Number
1000	16926



5/16 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16017
75	16117
Bulk Pack	
Pcs/ pack	Part Number
1000	16917



3/8 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16021
75	16121
Bulk Pack	
Pcs/ pack	Part Number
1000	16921



#8 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16020
50	16120
Bulk Pack	
Pcs/ pack	Part Number
500	16820



#10 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16019
50	16119
Bulk Pack	
Pcs/ pack	Part Number
500	16819



1/4 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16011
50	16111
Bulk Pack	
Pcs/ pack	Part Number
500	16811



5/16 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16018
50	16118
Bulk Pack	
Pcs/ pack	Part Number
500	16818



3/8 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16022
50	16122
Bulk Pack	
Pcs/ pack	Part Number
500	16822

Spade Terminal



#8 Wire Gauge 22-18	
Convenience Packs	
Pcs/ pack	Part Number
18	16008
100	16108
Bulk Pack	
Pcs/ pack	Part Number
1000	16908



#10 Wire Gauge 16-14	
Convenience Packs	
Pcs/ pack	Part Number
18	16010
100	16110
Bulk Pack	
Pcs/ pack	Part Number
1000	16910



#10 Wire Gauge 12-10	
Convenience Packs	
Pcs/ pack	Part Number
12	16012
50	16112
Bulk Pack	
Pcs/ pack	Part Number
500	16812

Thermafix Crimp™

Part Numbers and Pack Sizes for Standard Shapes

Bullet Terminal



Male	Wire Gauge	16-14
Convenience Packs		
Pcs/ pack	Part Number	
18	16028	
75	16128	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16928	



Female	Wire Gauge	16-14
Convenience Packs		
Pcs/ pack	Part Number	
18	16029	
75	16129	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16929	

Quick Disconnect



Female	Wire Gauge	22-18
Convenience Packs		
Pcs/ pack	Part Number	
18	16013	
75	16113	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16913	



Female	Wire Gauge	16-14
Convenience Packs		
Pcs/ pack	Part Number	
18	16014	
75	16114	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16914	



Female	Wire Gauge	12-10
Convenience Packs		
Pcs/ pack	Part Number	
12	16031	
50	16131	
Bulk Pack		
Pcs/ pack	Part Number	
500	16831	



Male	Wire Gauge	22-18
Convenience Packs		
Pcs/ pack	Part Number	
18	16015	
100	16115	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16915	



Male	Wire Gauge	16-14
Convenience Packs		
Pcs/ pack	Part Number	
18	16016	
100	16116	
Bulk Pack		
Pcs/ pack	Part Number	
1000	16916	

Installation Tip

Use of reflector tip attachment will improve the installation of heat shrink terminals.



See page 13 for a selection of heating tools and accessories.

Heat Shrink Assortments



Assortment 10002		
Thermax Single Wall	167 pcs	(1/8-3/4 Black & Red)
Dual Wall TFX Plus	10 pcs	(all sizes)
Heavy Wall TFX ST	4 pcs	(1.1" dia.)
TFX Crimp Terminals	18 pcs	(assorted)
TFX Crimp Splices	18 pcs	(assorted)
Cable Ties	40 pcs	(Black & White)

*Starter refill for 10002 is available as number 10012 (single wall only).



Assortment 10007		
TFX Crimp Terminals	252 pcs	(Blue, Yellow & Red - 21 types)
TFX Crimp Splices	36 pcs	(Blue, Yellow & Red)



Assortment 10003		
Thermax Single Wall	166 pcs	(1/8-3/8 Black & Red)
Dual Wall TFX Plus	26 pcs	(size 1 & 2)
TFX Crimp Terminals	66 pcs	(Blue & Yellow - 4 Types)
TFX Crimp Splices	30 pcs	(Blue & Yellow)



Assortment 10008		
Dual Wall TFX Plus	27 pcs	(size 1, 2, 3 & 4)
TFX Crimp Terminals	40 pcs	(Blue, Yellow & Red)
TFX Crimp Splices	36 pcs	(Blue & Yellow)



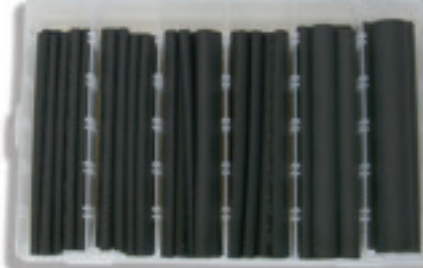
Assortment 10004		
Thermax Single Wall	36 pcs	(1/8-3/16 & 1/4 Red, Yellow, Blue, Green, Black, White)
Dual Wall TFX Plus	25 pcs	(size 1, 2 & 3)



Assortment 10009		
Dual Wall TFX Plus	62 pcs	(size 1, 2 & 3)



Assortment 10005		
TFX Crimp Terminals	325 pcs	(Blue & Yellow - 13 Types)
TFX Crimp Splices	100 pcs	(Blue & Yellow)



Assortment 10010		
Dual Wall TFX Plus	63 pcs	(all sizes)

Heating Tools

TFX-3000 Two Stage General Purpose Hot Air Gun



Our Best Seller

- Rugged molded construction
- 400°C/590°C (750°F/1100°F), 1200 watts
- Shaped to free-stand on end

Includes Free Reflector Tip for TFX-3000
Part # REF-35

HL 1800 Electronically Monitored Heavy Duty Hot Air Gun



- Stepless settings
- 100°C-600°C, 2000 watts (max.)
- Shaped to free-stand on end

HG 3002 LCD Electronically Monitored Professional Hot Air Gun



- Digital display
- Air volume monitoring
- Cool Air Stage
- Stage 1 50°C, Stage 2 50°C-600°C, 2000 watts
- Shaped to free-stand on end

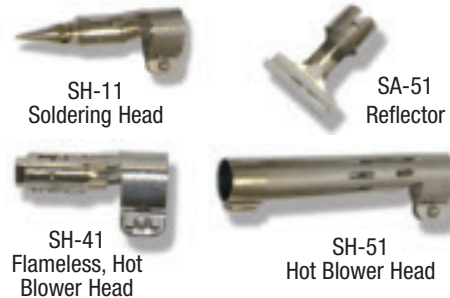
with Digital Display

RK2020 Butane Micro Torch



- Electronic instant ignition system
- Adjustable flame
- Efficient, hand-held, free standing design
- Refillable butane fuel tank
- Optional flameless soldering head
- Optional hot blower and reflector (ideal for use with Thermafix® products).

Butane Torch (optional) Accessory Tips



Available separately
or in the 3-piece **RK-SH3 Kit**
(SH-11, SA-51 and SH-51)

Specifications:

- Dimensions: 155mm x 90mm x 35mm
(Height x Width x Grip diam.)
- Max. temp.: 1300°C (2370°F)
- Working time: approx. 90 minutes

RK2020SE "Special Edition"

Features the RK 2020 & 3 accessory tips in a handy carrying case. Butane sold separately.



CT-1 Mini Torch



- Compact and economical for small jobs
- Ships in a variety of colors (not optional)
- Comes with refillable lighter or compatible with most disposables

Heat Shrinkable Tubing & Terminals