

CRIMP IT!
SHRINK IT!
TWIST IT!
TIE IT!



Wiring Accessories



Universal HVAC/R
Parts and Supplies

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CABLE TIES

- Manufactured from high quality nylon 6/6
- Low insertion and pull through force
- High Tensile strength achieved from 1-piece design
- Advanced pawl and teeth design
- Angled tail provides quick insertion alignment
- Rounded edges provide added safety and eliminates insulation damage
- New “Type” classifications added to packaging



STANDARD TIES

Versatile, multiple purpose



Minimum Installation Temperature: 0°C (32°F)
 Minimum Operating Temperature: -40°C (-40°F)
 Maximum Operating Temperature: 85°C (185°F)

NATURAL

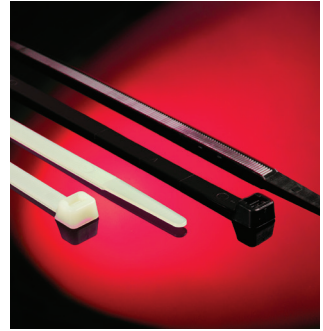
PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF3	4.1" 18 lb Nylon Cable Tie	100
P298-TF3B	4.1" 18 lb Nylon Cable Tie	1000
P298-TF4	5.7" 40 lb Nylon Cable Tie	100
P298-TF4B	5.7" 40 lb Nylon Cable Tie	1000
P298-TF5	7.5" 50 lb Nylon Cable Tie	100
P298-TF5B	7.5" 50 lb Nylon Cable Tie	1000
P298-TF6	11.2" 50 lb Nylon Cable Tie	50
P298-TF6B	11.2" 50 lb Nylon Cable Tie	1000
P298-TF8	14.5" 50 lb Nylon Cable Tie	50
P298-TF8B	14.5" 50 lb Nylon Cable Tie	1000

WEATHERPROOF BLACK

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF3X	4.1" 18 lb Nylon Cable Tie	100
P298-TF3XB	4.1" 18 lb Nylon Cable Tie	1000
P298-TF4X	5.7" 40 lb Nylon Cable Tie	100
P298-TF4XB	5.7" 40 lb Nylon Cable Tie	1000
P298-TF5X	7.5" 50 lb Nylon Cable Tie	100
P298-TF5XB	7.5" 50 lb Nylon Cable Tie	1000
P298-TF6X	11.2" 50 lb Nylon Cable Tie	50
P298-TF6XB	11.2" 50 lb Nylon Cable Tie	1000
P298-TF8X	14.5" 50 lb Nylon Cable Tie	50
P298-TF8XB	14.5" 50 lb Nylon Cable Tie	1000

HEAVY DUTY TIES

Extra strong for more demanding applications



Minimum Installation Temperature: 0°C (32°F)
 Minimum Operating Temperature: -40°C (-40°F)
 Maximum Operating Temperature: 85°C (185°F)

NATURAL

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF7	15.1" 120 lb Nylon Heavy Duty Cable Tie	25
P298-TF7B	15.1" 120 lb Nylon Heavy Duty Cable Tie	500
P298-TF12	36" 120 lb Nylon Heavy Duty Cable Tie	25
P298-TF14	48" 175 lb Nylon Heavy Duty Cable Tie	25

WEATHERPROOF BLACK

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF7X	15.1" 120 lb Nylon Heavy Duty Cable Tie	25
P298-TF7XB	15.1" 120 lb Nylon Heavy Duty Cable Tie	500
P298-TF12X	36" 175 lb Nylon Heavy Duty Cable Tie	25
P298-TF14X	48" 175 lb Nylon Heavy Duty Cable Tie	25

GREY

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF488	48" 175 lb Nylon Heavy Duty Cable Tie	25

DIRECT SHIP DUCT STRAP PROGRAM - FREE FREIGHT 500 PCS. PER MASTER CASE (10 BAGS X 50/BAG)

PART NUMBER	DESCRIPTION	QTY/PKG.	MOQ
P298-CT36	36" 175 lb Heavy Duty Cable Tie - Natural	50	6 cases
P298-CT36X	36" 175 lb Heavy Duty Cable Tie - Weatherproof Black	50	6 cases
P298-CT48	48" 175 lb Heavy Duty Cable Tie - Natural	50	6 cases
P298-CT48X	48" 175 lb Heavy Duty Cable Tie - Weatherproof Black	50	6 cases



MOUNTING TIES

One piece for quick, simple bundling and mounting



Minimum Installation Temperature: 0°C (32°F)
 Minimum Operating Temperature: -40°C (-40°F)
 Maximum Operating Temperature: 85°C (185°F)

NATURAL

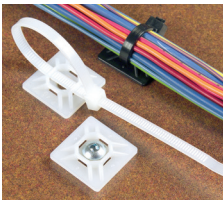
PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF3H*	5.8" 30 lb Mounting Nylon Cable Tie	100
P298-TF3HB*	5.8" 30 lb Mounting Nylon Cable Tie	1,000
P298-TF5H	8" 50 lb Mounting Nylon Cable Tie	50
P298-TF5HB	8" 50 lb Mounting Nylon Cable Tie	1,000
P298-TF7H	15.7" 120 lb H.D. Mounting Nylon Cable Tie	25
P298-TF7HB	15.7" 120 lb H.D. Mounting Nylon Cable Tie	500

** Made in Taiwan*

WEATHERPROOF BLACK

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-TF3HX*	5.8" 30 lb Mounting Nylon Cable Tie	100
P298-TF3HXB*	5.8" 30 lb Mounting Nylon Cable Tie	1,000
P298-TF5HX	8" 50 lb Mounting Nylon Cable Tie	50
P298-TF5HXB	8" 50 lb Mounting Nylon Cable Tie	1,000
P298-TF7HX	15.7" 120 lb Mounting Nylon Cable Tie	25
P298-TF7HXB	15.7" 120 lb Mounting Nylon Cable Tie	500

** Made in Taiwan*



CABLE TIE MOUNTING BASE

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-CTMB	1-1/8" x 1-1/8" Cable Tie Mounting Base	25



NYLON CABLE CLAMPS - NATURAL

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-CC0125	1/8" Nylon Cable Clamp	50
P298-CC01875	3/16" Nylon Cable Clamp	50
P298-CC0250	1/4" Nylon Cable Clamp	45
P298-CC0375	3/8" Nylon Cable Clamp	40
P298-CC0500	1/2" Nylon Cable Clamp	35
P298-CC0750	3/4" Nylon Cable Clamp	20
P298-CC1000	1" Nylon Cable Clamp	15

TERMINALS & CONNECTORS

22-18 AWG RING TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RR6	22-18 AWG Ring # 6 Stud	100
P298-RR8	22-18 AWG Ring # 8 Stud	100
P298-RR10	22-18 AWG Ring # 10 Stud	100
P298-RR0250	22-18 AWG Ring 1/4" Stud	75
P298-RR0375	22-18 AWG Ring 3/8" Stud	65



16-14 AWG RING TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-BR6	16-14 AWG Ring # 6 Stud	100
P298-BR8	16-14 AWG Ring # 8 Stud	100
P298-BR10	16-14 AWG Ring # 10 Stud	100
P298-BR0250	16-14 AWG Ring 1/4" Stud	75
P298-BR0315	16-14 AWG Ring 5/16" Stud	65
P298-BR0375	16-14 AWG Ring 3/8" Stud	65



12-10 AWG RING TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-YR6	12-10 AWG Ring # 6 Stud	75
P298-YR8	12-10 AWG Ring # 8 Stud	75
P298-YR10	12-10 AWG Ring # 10 Stud	75
P298-YR0250	12-10 AWG Ring 1/4" Stud	60
P298-YR0315	12-10 AWG Ring 5/16" Stud	60
P298-YR0375	12-10 AWG Ring 3/8" Stud	60
P298-YR0500	12-10 AWG Ring 1/2" Stud	40



8 AWG RING TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-8R0250	8 AWG Ring 1/4" Stud	20
P298-8R0315	8 AWG Ring 5/16" Stud	20
P298-8R0375	8 AWG Ring 3/8" Stud	20
P298-8R0500	8 AWG Ring 1/2" Stud	15



6 AWG RING TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-6R0250	6 AWG Ring 1/4" Stud	15
P298-6R0315	6 AWG Ring 5/16" Stud	15
P298-6R0375	6 AWG Ring 3/8" Stud	15
P298-6R0500	6 AWG Ring 1/2" Stud	10



TERMINALS & CONNECTORS



BLOCK SPADE TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RS6	22-18 AWG Spade # 6 Stud	100
P298-RS8	22-18 AWG Spade # 8 Stud	100
P298-RS10	22-18 AWG Spade # 10 Stud	100
P298-BS6	16-14 AWG Spade # 6 Stud	100
P298-BS8	16-14 AWG Spade # 8 Stud	100
P298-BS10	16-14 AWG Spade # 10 Stud	100
P298-YS6	12-10 AWG Spade # 6 Stud	75
P298-YS8	12-10 AWG Spade # 8 Stud	75
P298-YS10	12-10 AWG Spade # 10 Stud	75



BUTT CONNECTORS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RBS	22-18 AWG Butt Connector	100
P298-BBS	16-14 AWG Butt Connector	100
P298-YBS	12-10 AWG Butt Connector	75



SELF-STRIPPING TAP CONNECTORS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-SSTCR	22-16 AWG Self-stripping Tap Conn.	25
P298-SSTCB	18-14 AWG Self-stripping Tap Conn.	25
P298-SSTCY	12-10 AWG Self-stripping Tap Conn.	20



FEMALE QUICK DISCONNECT TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RQDF110	22-18 Female Disconnect .110" Tab	100
P298-RQDF187	22-18 Female Disconnect .187" Tab	100
P298-RQDF250	22-18 Female Disconnect .250" Tab	100
P298-BQDF110	16-14 Female Disconnect .110" Tab	100
P298-BQDF187	16-14 Female Disconnect .187" Tab	100
P298-BQDF250	16-14 Female Disconnect .250" Tab	100
P298-YQDF250	12-10 Female Disconnect .250" Tab	75



MALE QUICK DISCONNECT TERMINALS, VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RQDM187	22-18 Male Disconnect .187" Tab	100
P298-RQDM250	22-18 Male Disconnect .250" Tab	100
P298-BQDM187	16-14 Male Disconnect .187" Tab	100
P298-BQDM250	16-14 Male Disconnect .250" Tab	100
P298-YQDM250	12-10 Male Disconnect .250" Tab	75

MATING FULLY INSULATED QUICK DISCONNECTS - FEMALE, NYLON INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RQDFFI187	22-18 F.I. Female Disconnect .187"	40
P298-RQDFFI250	22-18 F.I. Female Disconnect .250"	40
P298-BQDFFI187	16-14 F.I. Female Disconnect .187"	40
P298-BQDFFI250	16-14 F.I. Female Disconnect .250"	40
P298-YQDFFI250	12-10 F.I. Female Disconnect .250"	30



MATING FULLY INSULATED QUICK DISCONNECTS - MALE, NYLON INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RQDMFI187	22-18 F.I. Male Disconnect .187"	40
P298-RQDMFI250	22-18 F.I. Male Disconnect .250"	40
P298-BQDMFI187	16-14 F.I. Male Disconnect .187"	40
P298-BQDMFI250	16-14 F.I. Male Disconnect .250"	40
P298-YQDMFI250	12-10 F.I. Male Disconnect .250"	30



SNAP PLUGS - VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RBM157	22-18 Snap Plug .157"	80
P298-RBM176	22-18 Snap Plug .176"	80
P298-BBM157	16-14 Snap Plug .157"	80
P298-BBM176	16-14 Snap Plug .176"	80
P298-YBM157	12-10 Snap Plug .157"	60
P298-YBM176	12-10 Snap Plug .176"	60



SNAP PLUGS RECEPTACLES - NYLON INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RBFFI157	22-18 Snap Plug Receptacle .157"	40
P298-RBFFI176	22-18 Snap Plug Receptacle .176"	40
P298-BBFFI157	16-14 Snap Plug Receptacle .157"	40
P298-BBFFI176	16-14 Snap Plug Receptacle .176"	40
P298-YBFFI157	12-10 Snap Plug Receptacle .157"	30
P298-YBFFI176	12-10 Snap Plug Receptacle .176"	30



DOUBLE FEMALE SNAP PLUG RECEPTACLES

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-DBR157	Dble. Female Snap Plug Receptacle .157"	40
P298-DBR176	Dble. Female Snap Plug Receptacle .176"	40



TERMINALS & CONNECTORS



HEAT SHRINKABLE BUTT CONNECTORS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HSRBS	22-18 H.S. Butt Connector	10
P298-HSBBS	16-14 H.S. Butt Connector	10
P298-HSYBS	12-10 H.S. Butt Connector	8



HIGH TEMPERATURE RING TERMINALS, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTRR6	22-18 H.T. Ring # 6 Stud	100
P298-HTRR10	22-18 H.T. Ring # 10 Stud	100
P298-HTBR6	16-14 H.T. Ring # 6 Stud	100
P298-HTBR10	16-14 H.T. Ring # 10 Stud	100
P298-HTBR0250	16-14 H.T. Ring 1/4" Stud	75
P298-HTYR6	12-10 H.T. Ring # 6 Stud	75
P298-HTYR10	12-10 H.T. Ring # 10 Stud	75
P298-HTYR0250	12-10 H.T. Ring 1/4" Stud	60



HIGH TEMPERATURE SPADE TERMINALS, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTRS10	22-18 H.T. Spade # 10	100
P298-HTBS10	16-14 H.T. Spade # 10	100
P298-HTYS10	12-10 H.T. Spade # 10	75



HIGH TEMPERATURE BUTT CONNECTORS, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTRBS	22-18 H.T. Butt Connector	100
P298-HTBBS	16-14 H.T. Butt Connector	100
P298-HTYBS	12-10 H.T. Butt Connector	75



HIGH TEMPERATURE FEMALE FLAG DISCONNECT, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTBFF250	16-14 H.T. Female Flag .250"	75



HIGH TEMPERATURE FEMALE DISCONNECT, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTBQDF250	16-14 H.T. Female Disc. .250"	100

HIGH TEMPERATURE MALE DISCONNECT, STEEL CONSTRUCTION

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-HTBQDM250	16-14 H.T. Male Disc. .250"	100

DOUBLE MALE-FEMALE ADAPTERS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-77250	Double Male - Female .250" Tab - Piggyback	30
P298-7MMF187	Double Male - Female .187" Tab - Flat	40
P298-7MMF250	Double Male - Female .250" Tab - Flat	40

MULTI-STACK DISCONNECTS - VINYL INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RQDFM	22-18 Multi-Stack Disconnect .250" Tab	30
P298-BQDFM	16-14 Multi-Stack Disconnect .250" Tab	30

DOUBLE MALE QUICK DISCONNECT

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-DMD250	Double Male Disconnect .250" Tab	10

FEMALE FLAG QUICK DISCONNECTS - UNINSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RF187	22-18 Female Flag .187" Tab	50
P298-RF250	22-18 Female Flag .250" Tab	50
P298-BF187	16-14 Female Flag .187" Tab	50
P298-BF250	16-14 Female Flag .250" Tab	50
P298-YF250	12-10 Female Flag .250" Tab	40

FEMALE FLAG QUICK DISCONNECTS - FULLY INSULATED NYLON

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-RFFI187	22-18 Female Flag .187" Tab	30
P298-RFFI250	22-18 Female Flag .250" Tab	30
P298-BFFI187	16-14 Female Flag .187" Tab	30
P298-BFFI250	16-14 Female Flag .250" Tab	30



TERMINALS & CONNECTORS



CLOSED END CONNECTORS - NYLON INSULATED

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-CES2214	22-14 Closed End Connector	50
P298-CES1810	18-10 Closed End Connector	40



COMPRESSOR TERMINAL

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-COM1208	12-8 Compressor Terminal .250" Tab	20



COMPRESSOR HOOK-UP LEAD KIT

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-LEADS-10	Kit includes: 3 .250" Female Flag Quick Disconnects with 3 8" wire leads (1- red, 1- white, 1- black) 3 12-10 AWG H.S. Butt Connectors	48



HIGH TEMPERATURE TWIST-ON WIRE CONNECTORS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-WCB1	22-18 High Temp - Black	100
P298-WCB3	22-14 High Temp - Black	50
P298-WCB1-J500	22-18 High Temp - Black	500
P298-WCB1-J1000	22-18 High Temp - Black	1000
P298-WCB3-J150	22-14 High Temp - Black	150
P298-WCB3-J300	22-14 High Temp - Black	300



TWIST-ON WIRE CONNECTORS



TWIST-ON WIRE CONNECTORS

PART NUMBER	DESCRIPTION	QTY./PKG.
P298-WC/GREY	22-14 Twist-On Wire Connector - Grey	100
P298-WCG-J500	22-14 Twist-On Wire Connector - Grey	500
P298-WCG-J1000	22-14 Twist-On Wire Connector - Grey	1000
P298-WCG-J3000	22-14 Twist-On Wire Connector - Grey	3000
P298-29	22-14 Twist-On Wire Connector - Blue	100
P298-29-J300	22-14 Twist-On Wire Connector - Blue	300
P298-29-J600	22-14 Twist-On Wire Connector - Blue	600
P298-29-J2000	22-14 Twist-On Wire Connector - Blue	2000
P298-31	22-14 Twist-On Wire Connector - Orange	75
P298-31-J150	22-14 Twist-On Wire Connector - Orange	150
P298-31-J300	22-14 Twist-On Wire Connector - Orange	300
P298-31-J1000	22-14 Twist-On Wire Connector - Orange	1000
P298-33	22-10 Twist-On Wire Connector - Yellow	50
P298-33-J100	22-10 Twist-On Wire Connector - Yellow	100
P298-33-J200	22-10 Twist-On Wire Connector - Yellow	200
P298-33-J750	22-10 Twist-On Wire Connector - Yellow	750
P298-35	22-10 Twist-On Wire Connector - Red	35
P298-35-J75	22-10 Twist-On Wire Connector - Red	75
P298-35-J125	22-10 Twist-On Wire Connector - Red	125
P298-35-J500	22-10 Twist-On Wire Connector - Red	500



TEW THERMO PLASTIC EQUIPMENT WIRE 100' SPOOLS

Material is TEW Bare Copper Strand on Metal Spools
Voltage: 600 volts
Temperature Rating; -30° C to 105° C (22° F to 221° F)
UL Listed & CSA Approved

18 AWG (16 STRANDS) TEW WIRE 100' SPOOLS

PART NUMBER	DESCRIPTION
P298-TEW18/16BLACK	18 AWG TEW Wire - Black
P298-TEW18/16WHITE	18 AWG TEW Wire - White
P298-TEW18/16RED	18 AWG TEW Wire - Red
P298-TEW18/16BLUE	18 AWG TEW Wire - Blue
P298-TEW18/16GREEN	18 AWG TEW Wire - Green

16 AWG (26 STRANDS) TEW WIRE 100' SPOOLS

PART NUMBER	DESCRIPTION
P298-TEW16/26BLACK	16 AWG TEW Wire - Black
P298-TEW16/26WHITE	16 AWG TEW Wire - White
P298-TEW16/26RED	16 AWG TEW Wire - Red
P298-TEW16/26BLUE	16 AWG TEW Wire - Blue
P298-TEW16/26GREEN	16 AWG TEW Wire - Green

14 AWG (41 STRANDS) TEW WIRE 100' SPOOLS

PART NUMBER	DESCRIPTION
P298-TEW14/41BLACK	14 AWG TEW Wire - Black
P298-TEW14/41WHITE	14 AWG TEW Wire - White
P298-TEW14/41RED	14 AWG TEW Wire - Red
P298-TEW14/41BLUE	14 AWG TEW Wire - Blue
P298-TEW14/41GREEN	14 AWG TEW Wire - Green

12 AWG (65 STRANDS) TEW WIRE 100' SPOOLS

PART NUMBER	DESCRIPTION
P298-TEW12/65BLACK	12 AWG TEW Wire - Black
P298-TEW12/65WHITE	12 AWG TEW Wire - White
P298-TEW12/65RED	12 AWG TEW Wire - Red
P298-TEW12/65BLUE	12 AWG TEW Wire - Blue
P298-TEW12/65GREEN	12 AWG TEW Wire - Green

10 AWG (104 STRANDS) TEW WIRE 100' SPOOLS

PART NUMBER	DESCRIPTION
P298-TEW10/104BLACK	10 AWG TEW Wire - Black
P298-TEW10/104WHITE	10 AWG TEW Wire - White
P298-TEW10/104RED	10 AWG TEW Wire - Red
P298-TEW10/104BLUE	10 AWG TEW Wire - Blue
P298-TEW10/104GREEN	10 AWG TEW Wire - Green



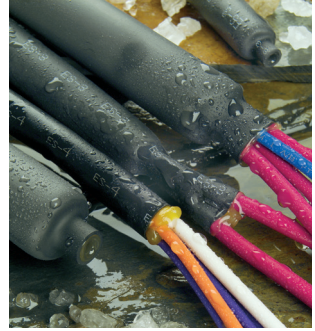
DUAL WALL ADHESIVE LINED SHRINK TUBING (DWA)

Flame-retardant, High Shrink Ratio Adhesive-lined (Semi-rigid) Polyolefin Tubing

DWA is designed for insulating and sealing splices in an under-the-hood automotive environment. The inner wall with its unique, specially formulated hot-melt adhesive forms an outstanding barrier against automotive fluids and moisture, helping to protect the harness from the effects of corrosion and water wicking.

Features & Benefits

- Offers rugged protection against abrasion, vibration, and flexing
- DWA has a high shrink ratio, only a few sizes are needed to cover a wide range of splice and component diameters
- Adhesive bonds to a wide variety of plastics, rubber, and metals, including polyethylene, neoprene and steel



Product Characteristics:

Shrink Ratio	Approximately 4:1
Minimum Shrink Temperature	110°C (230°F)
Minimum Full Recovery Temperature	135°C (275°F)
Operating Temperature Range	-40°C to 130°C (-40°F to 266°F)

SIZE	INSIDE DIAMETER			
	MIN. EXPANDED SIZE AS SUPPLIED		MAX. RECOVERED AFTER HEATING	
.225"	.225"	(5.72mm)	.050"	(1.27mm)
.293"	.293"	(7.44mm)	.065"	(1.65mm)
.427"	.427"	(10.85mm)	.095"	(2.41mm)
.700"	.700"	(17.78mm)	.175"	(4.45mm)

* Wall thickness will be less if tubing recovery is restricted during shrinkage.

Specifications/Approvals:

Series



E85381
600 V, 125°C

DWA DUAL WALL HEAT SHRINKABLE TUBING 6" LENGTH

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-DWA1	.225" 6" length (suitable for 1/16" - 3/16")	6
P298-DWA2	.293" 6" length (suitable for 3/16" - 1/4")	6
P298-DWA3	.427" 6" length (suitable for 1/4" to 3/8")	4
P298-DWA4	.700" 6" length (suitable for 1/2" - 5/8")	2



P298-TKBOX TERMINAL KIT BOX

- A 21 compartment, metal box with a sturdy plastic insert tray and a metal latch (Note: contains no parts)

P298-HVACKIT HVAC ELECTRICAL REPAIR KIT BOX

- Contains 400 of the most popular terminals & connectors and crimping tool for the 22-10 AWG wire ranges
- The terminals are stored in a 21 compartment metal terminal cabinet box with a sturdy plastic insert and a metal latch for securing the box
- Totaline graphics appear on label set, with matrix chart on the inside lid describing individual parts
- Box Dimensions: 13-3/4" x 9-1/2" x 2-1/4"



Totaline re-order part numbers:

P298-RBS x 20	P298-RQDF250 x 15
P298-TF5X x 10	P298-BBS x 20
P298-BQDM250 x 15	P298-TF5HX x 10
P298-YBS x 20	P298-BQDF250 x 15
P298-29 x 10	P298-RR10 x 15
P298-YQDM250 x 15	P298-31 x 10
P298-BR10 x 15	P298-YQDF250 x 15
P298-33 x 5	P298-BR0250 x 15
P298-BQDMFI250 x 15	P298-35 x 5
P298-YR10 x 10	P298-BQDFFI250 x 15
P298-YR0250 x 10	P298-HTBQDF250 x 15
CRIMP-TOOL x 1	P298-RS10 x 15
P298-77250 x 10	P298-DWA1 x 2
P298-BS6 x 15	P298-HTBFF250 x 15
P298-DWA3 x 2	P298-BS10 x 15
P298-7MMF250 x 10	P298-YS10 x 10
P298-RQDFM x 10	P298-RQDM250 x 15
P298-BQDFM x 10	TK-BOX-GREEN x 1
TOTALINE LABEL SET x 1	

Please note: Replenishment packaged quantities may vary from original kit quantities.

P298-TWISTONKIT 22-8 AWG TWIST ON WIRE CONNECTOR KIT (375 PCS)

- A convenient way to store the complete assortment of color-coded twist-on connectors used daily by HVAC/R technicians
- Fixed square spring provides a more secure grip on conductors
- CSA and UL approved



P298-TERMKIT450 22-10 AWG SOLDERLESS TERMINAL KIT (450 PCS)

- An economical 18 compartment plastic kit box containing 450 of the most popular solderless terminals and connectors
- Complete with a matrix chart on the inside lid describing the parts and re-order part numbers
- CSA and UL approved



P298-25000 RATCHET ACTION CRIMP TOOL KIT - with 4 interchangeable dies

- Designed for the professional that insists on the best available commercial grade full cycle crimp tool
- System integrity is maintained when components are terminated with this tool
- Ergonomic progressive pivoting design provides maximum crimping force with reasonable hand pressure
- Ratcheted design eliminates variability from crimp to crimp



P298-DEMOKIT TOTALINE DEMO TOOL KIT

- For the repair and maintenance of HVAC/R electrical wiring

Tool Kit contents:

- P298-WS 22-8 AWG Wire Stripper
- P298-RACT Ratchet Action Crimp Tool - for 22-10 AWG Insulated Terminals
- P298-RACT-F Ratchet Action Crimp Tool - for 22-14 AWG Insulated Flag Terminals
- Assortment of Insulated Terminals and Insulated Flag Terminals - in plastic recloseable box with divider (16-14 AWG)
- 5" lengths of 16 AWG 26 Strand Thermoplastic Equipment Wire - in a plastic recloseable box
- Heavy duty plastic molded case with custom foam inserts to protect and secure application tools
- Laminated Instruction sheet for Application Tools



P298-DEMOKIT-WIRE

DESCRIPTION	QTY/PKG.
16 AWG 26 Strand TEW Wire - Black 5" lengths	100



RATCHET ACTION CRIMP TOOLS

- Designed for the professional that insists on a commercial grade full cycle crimp tool
- System integrity is maintained when components are terminated with this tool
- Ergonomic progressive pivoting design provides maximum crimping force with reasonable hand pressure
- Ratcheted design eliminates variability from crimp to crimp



P298-RACT
RATCHET ACTION CRIMP TOOL
- for Insulated Terminals

22-10 AWG



P298-RACTF
RATCHET ACTION CRIMP TOOL
- for Insulated Flag Terminals

22-16 AWG



P298-WS
HEAVY DUTY WIRE STRIPPER & CUTTER

- Cuts and strips 24-10 AWG copper or aluminium wire
- solid or stranded



P298-CT
22-10 AWG CRIMP TOOL

- Crimps insulated & non-insulated terminals
- Strips 22-8 AWG solid or stranded wire
- Cuts and rethreads five common sizes of bolts

P298-CTRT **CABLE TIE REMOVAL TOOL / WIRE STRIPPER**

- Fits all cable tie sizes (18 - 250 lb Ties)
- Strips 22-12 AWG wire
- Safely removes cable ties and straps



P298-GT70 **GENERAL INDUSTRIAL TORCH**

Self-contained, butane-powered, heavy-duty

- Use to braze with special alloy welding rods, heat and bend thin metals, loosen rusted bolts, pop dents out of metal, shrink and terminate heavy wall adhesive lined tubing, solder and desolder, and more
- Self-igniting piezo electric ignition
- Large fuel capacity, 80 cc self-contained metal tank for 30-minute continuous run time
- Operating temperature up to 1300°C (2500°F)
- Dimensions: 6.5" H x 5" W x 1.8" D



P298-MT70 **MICRO-TORCH**

Self-igniting Butane-Powered Heat Tool

- For soldering and heat shrink applications
- Operating Temperature: 1300°C (2500°F)
- "Hands-free" slide lock for continuous use/instant operation
- Ergonomic handle design ensures a non-slip grip
- Removable base for table-top or hand-held use
- 60 minute continuous run time with a full charge
- Dimensions: 5.5" L x 3.8" H x 1.3" W



P298-11799 **ULTRATANE BUTANE CANNISTERS**

3 3/4 oz (106.3 grams)

4/carton



ANTI-SHORT BUSHINGS, ROMEX CONNECTORS



ANTI-SHORT BUSHINGS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-ASB0	5/16" Anti-Short Bushing - Red	40
P298-ASB1	3/8" Anti-Short Bushing - Red	40
P298-ASB2	7/16" Anti-Short Bushing - Red	40
P298-ASB3	1/2" Anti-Short Bushing - Red	20
P298-ASB4	3/4" Anti-Short Bushing - Red	15
P298-ASB5	1" Anti-Short Bushing - Red	10
P298-ASB6	1 1/4" Anti-Short Bushing - Red	10
P298-ASB7	1 1/2" Anti-Short Bushing - Red	5
P298-ASB8	2" Anti-Short Bushing - Red	5
P298-ASB0-J200	5/16" Anti-Short Bushing - Red	200
P298-ASB1-J150	3/8" Anti-Short Bushing - Red	150
P298-ASB2-J100	7/16" Anti-Short Bushing - Red	100
P298-ASB3-J45	1/2" Anti-Short Bushing - Red	45
P298-ASB4-J20	3/4" Anti-Short Bushing - Red	20

ROMEX CONNECTORS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-12ROMEX-J50	1/2" Romex Connector - Non Metallic	50
P298-12ROMEX-J200	1/2" Romex Connector - Non Metallic	200

GROMMETS

PART NUMBER	DESCRIPTION	QTY/PKG.
P298-58Grommet	5/8 x 1/16 x 7/8 x 1-1/8 x 5/16	20
P298-58G-J60	5/8 x 1/16 x 7/8 x 1-1/8 x 5/16	60
P298-58G-J125	5/8 x 1/16 x 7/8 x 1-1/8 x 5/16	125



P298-DISPLAY-TWIST Starter Kit

* Kit includes Twist-On Connector Jars and Merchandising Header (Fixture not included)

PART NUMBER	DESCRIPTION	QTY/PKG.	QTY OF JARS IN START KIT
P298-WCB1-J500	22-18 High Temp Twist-On Connector - Black	500	3
P298-WCB3-J150	22-14 High Temp Twist-On Connector - Black	150	3
P298-WCG-J500	22-14 Twist-On Connector - Grey	500	3
P298-29-J300	22-14 Twist-On Connector - Blue	300	3
P298-31-J150	22-14 Twist-On Connector - Orange	150	3
P298-33-J100	22-10 Twist-On Connector - Yellow	100	3
P298-35-J75	22-10 Twist-On Connector - Red	75	3
P298-WCG-J1000	22-14 Twist-On Connector - Grey	1000	2
P298-29-J600	22-14 Twist-On Connector - Blue	600	2
P298-31-J300	22-14 Twist-On Connector - Orange	300	2
P298-33-J200	22-10 Twist-On Connector - Yellow	200	2
P298-35-J125	22-10 Twist-On Connector - Red	125	2

MERCHANDISE DISPLAYS

P298-ENDCAP HVAC/R WIRING ACCESSORIES END CAP DISPLAY

- Electrical interconnect devices accommodating wire sizes from 22 AWG to 6 AWG
 - High temperature terminals and special adapters for extreme or sensitive environments
 - Nylon cable ties for tying or bundling wires and cables or security devices of any kind
 - Specialty items for routing, identifying and insulating cables and protecting wires from abrasion
 - Heat shrinkable tubing that provides insulation, sealing, strain relief and mechanical protection
 - New generation of heat shrinkable terminals with sealing technology to protect against environmental problems
 - Broad range of application tools and accessories for quick and reliable installations
- * Kit includes Merchandising Header and Merchandise (Fixture not included)



P298-MODULE HVAC/R WIRING ACCESSORIES SPIN RACK DISPLAY



P298-MODULE includes a Spin Rack, Merchandising Header, Re-Order Tags, Hooks, and all display merchandise.



Where applicable, TOTALINE® products are listed or recognized by the Canadian Standards Association and Underwriter's Laboratories. Given the depth of our product line, please contact TOTALINE® should you require details of any or all technical approvals.

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