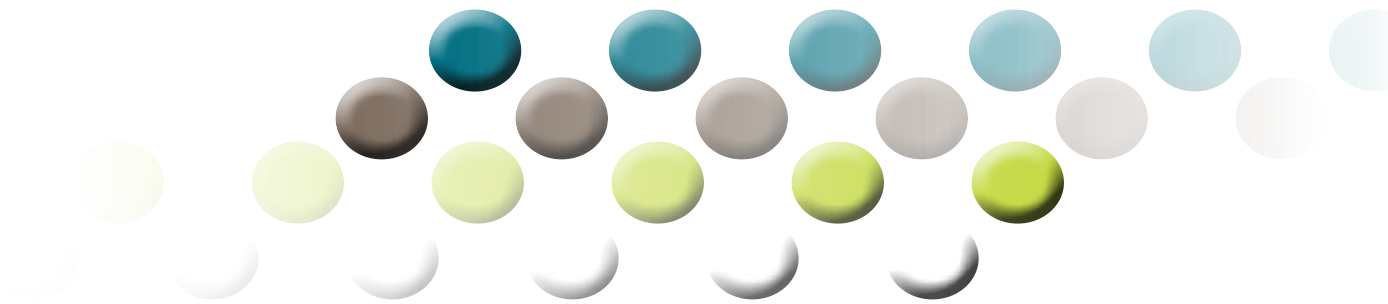




Energy Division

Raychem Electrical Tapes

PVC Electrical Tapes



PVC TAPE PRODUCT COMPARISON

PVC Electrical Tape Cross Reference Chart

Tyco Electronics	3M Company	Plymouth Rubber Company	Shurtape Technologies LLC
8080	*88	Premium 85	–
3030	*33+	Premium 111	–
7070	*35	Premium 37	EV-57-COLORS
4040	37	Cold Weather	–
5050	*HIGHLAND	*REVERE	–
1818	*Temflex 1700	*Columbia	EV-57
1818P	*Temflex 1700P	*Plytuff	–
2020	22	HD2	–

* 33+, 35, 88, HIGHLAND and TEMFLEX are trademarks of 3M Company

* Columbia, Plytuff and REVERE are trademarks of PLYMOUTH RUBBER Company

ORDERING GUIDE

Part Numbers & Packaging



TE Family	TE Part Number Description	Color	Mil Thickness	Roll Width	Roll Length	Packaging Type	Case Qty
2020	ETP-2020-0-25-33-B	Black	10 (0.25 mm)	1" (25.4 mm)	36 Yd (32.9 m)	Cellophane	100
2020	ETP-2020-0-51-33-B	Black	10 (0.25 mm)	2" (51.4 mm)	36 Yd (32.9 m)	Cellophane	100
2020	ETP-2020-0-38-33-B	Black	10 (0.25 mm)	1-1/2" (38 mm)	36 Yd (32.9 m)	Cellophane	100
2020	ETP-2020-0-19-33-B	Black	10 (0.25 mm)	3/4" (19 mm)	36 Yd (32.9 m)	Cellophane	100
3030	ETP-3030-0-19-20-A	Black	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
3030	ETP-3030-0-19-20-P-A	Black	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-5-19-20-P-A	Green	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-4-19-20-P-A	Yellow	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-2-19-20-P-A	Red	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-6-19-20-P-A	Blue	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-9-19-20-P-A	White	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-1-19-20-P-A	Brown	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-3-19-20-P-A	Orange	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-8-19-20-P-A	Gray	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-7-19-20-P-A	Violet	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
7070	ETP-7070-6-13-06-B	Blue	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-3-13-06-B	Orange	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-2-13-06-B	Red	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-9-13-06-B	White	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-4-13-06-B	Yellow	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-8-13-06-B	Gray	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-5-13-06-A	Green	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-7-13-06-A	Violet	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
7070	ETP-7070-1-13-06-A	Brown	7 (0.18 mm)	1/2" (13 mm)	20' (6.1 m)	Cellophane	100
4040	ETP-4040-0-19-20-B	Black	8.5 (0.21 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
4040	ETP-4040-0-25-20-B	Black	8.5 (0.21 mm)	1" (25.4 mm)	66' (20.1 m)	Cellophane	100
4040	ETP-4040-0-38-20-A	Black	8.5 (0.21 mm)	1-1/2" (38 mm)	66' (20.1 m)	Cellophane	100
4040	ETP-4040-0-38-20-B	Black	8.5 (0.21 mm)	1-1/2" (38 mm)	66' (20.1 m)	Cellophane	100
4040	ETP-4040-0-51-20-B	Black	8.5 (0.21 mm)	2" (51.4 mm)	66' (20.1 m)	Cellophane	100
8080	ETP-8080-0-19-20-A	Black	8.5 (0.21 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
8080	ETP-8080-0-19-20-P-A	Black	8.5 (0.21 mm)	3/4" (19 mm)	66' (20.1 m)	Plastic Case	100
8080	ETP-8080-0-25-20-B	Black	8.5 (0.21 mm)	1" (25.4 mm)	66' (20.1 m)	Cellophane	100
8080	ETP-8080-0-25-20-A	Black	8.5 (0.21 mm)	1" (25.4 mm)	66' (20.1 m)	Cellophane	100
8080	ETP-8080-0-38-20-B	Black	8.5 (0.21 mm)	1-1/2" (38 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-0-19-20-B	Black	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-5-19-20-B	Green	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-4-19-20-B	Yellow	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-2-19-20-B	Red	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-6-19-20-B	Blue	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-9-19-20-B	White	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-1-19-20-B	Brown	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-3-19-20-B	Orange	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-8-19-20-B	Gray	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
1818	ETP-1818-7-19-20-B	Violet	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100
5050	ETP-5050-0-19-20-B	Black	7 (0.18 mm)	3/4" (19 mm)	66' (20.1 m)	Cellophane	100

Note: A= 1 inch core, B= 1-1/2 inch core
 Highlighted items are readily available

RAYCHEM

ELECTRICAL PVC TAPE

Features & Benefits

Tyco Electronics manufactures an extensive selection of Raychem quality products that seal, protect and insulate, leading the way in technologically advanced products for use in a broad range of utility, industrial, commercial and residential applications.

Raychem pioneered the invention of heat-shrink tubing, introduced the market to cold-applied gel technological products and now provides a comprehensive line of PVC pressure sensitive tapes.

Tyco Electronics provides multiple grades of tape that provide UV resistance, flame retardant, cold weather performance while meeting cost effective solutions.

PVC – Features:

- Weather resistant, UV corrosion & abrasion proof
- Long lasting performance
- Exceeds industry standards
- Primary insulation up to 600 volts

Applications Tips:

It is very important that tape be applied to a clean, dry surface; also apply two layers of half-lapped vinyl tape to produce a uniform wrap. Make sure the last layer is applied without tension to prevent flagging.

When replacing cable insulation, the layers should be built up to 1 times the original cable insulation.

The more layers you add, the better the insulation and abrasion resistance.

Wrap tape from a smaller diameter to a larger diameter surface gradually to build up the layer.

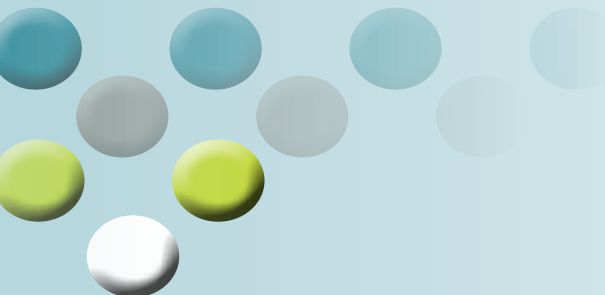
When installing on pigtails, wrap beyond the end of the wires which will allow for a protective cushion when the tape is folded back.

Professional grade tapes are used for electrical insulation of joints and splices in wires and cables up to 600 Volts. Commercial grade and General Purpose tapes are utilized for wrapping wire harnesses and insulating degaussing coils as well as being used as a protective jacket. Electrical phases, circuits, feeders and branches can be easily identified by our colored line of PVC tapes.

Whatever your installation challenge, take advantage of the Tyco Electronics experience to help you find the right solution. When you choose any Raychem product, you are backed by a network of sales professionals who provide application and engineering assistance as well as on-site training.







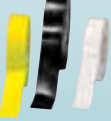
Typical Applications:

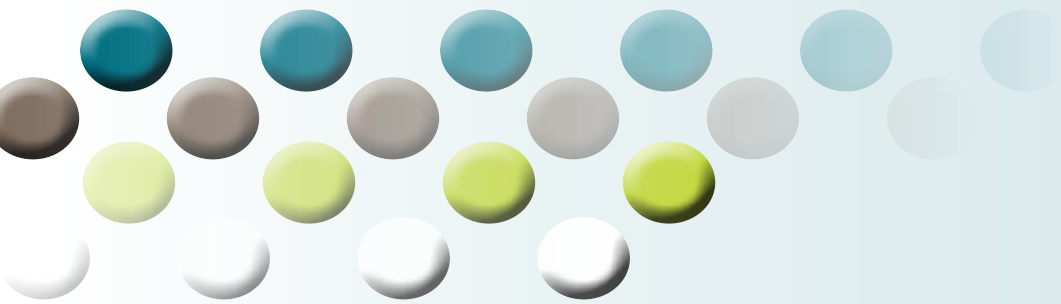
- Primary splice insulation
- Jacketing, color coding
- Warning identification
- Bundling | Harness protection



TAPE FAMILY

Tape Families & Descriptions

Product Image	Raychem Part #	Product Description	Mil Thickness	Max. Temp	Packaging	Weight
	3030	All Weather, PVC black pressure sensitive tape. Weather resistant, flame retardant, lead-free. Primary insulation for splices up to 600 V and all low temperature applications.	7 mil (0.18 mm)	18C / 105C	100	24 lbs / 11 kg
	8080	Professional grade, PVC pressure sensitive, all weather vinyl tape, highly elastic and heavier thickness for added mechanical and electrical protection. Cold and weather resistant, flame retardant and lead-free. Primary insulation for splices at not more than 600 V and excellent protective jacket over all types of splices. Excellent cold weather performance.	8.5 mil (0.21 mm)	18C / 105C	100	30 lbs / 14 kg
	7070	Professional grade, PVC pressure sensitive, all weather vinyl tape that is available in nine fade resistance colors for coding and insulating. Flame retardant and lead-free. Used for quick identification and/or a warning signal of electrical circuits, containers, and conduit system, as well as primary insulation for splices at not more than 600 V. Available colors: red, blue, yellow, green, white, orange, brown, violet, white.	7 mil (0.18 mm)	18C / 105C	100	25 lbs / 11 kg
	4040	Commercial grade, PVC pressure sensitive, all weather vinyl tape that provides heavier thickness for added mechanical and electrical protection. Cold and weather resistant, flame retardant and lead-free. Can be used as primary insulation for splices at not more than 600 V and excellent protective jacket over all types of splices. Excellent cold weather performance.	8.5 mil (0.21 mm)	18C / 105C	100	30 lbs / 14 kg
	2020	Heavy Duty, PVC pressure sensitive vinyl tape giving complete environmental mechanical and electrical protection for all types of pipewrapping applications. UV, bacteria and fungus resistant. Lead-free and flame retardant. Can be used for overhead and direct burial applications.	10 mil (0.25 mm)	18C / 105C	100	29 lbs / 13 kg
	5050	Commercial grade, PVC pressure sensitive vinyl tape for general electrical insulation purposes. Insulate and repair for mining applications. Flame retardant, weather resistant and lead-free. Can be used for splices not more than 600 V.	7 mil (0.18 mm)	18C / 105C	100	4 lbs / 2 kg
	1818	General Purpose, PVC pressure sensitive vinyl tape for general electrical insulation purposes. Flame retardant, weather resistant and lead-free. Can be used for splices not more than 600 V. Available in nine fade resistant colors: red, blue, yellow, green, white, orange, brown, violet, white, black.	7 mil (0.18 mm)	18C / 105C	100	4 lbs / 2 kg



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. Raychem, TE (logo) and Tyco Electronics are trademarks of the Tyco Electronics group of companies and its licensors. Other trademarks used are the property of their respective owners.

Energy Division - a pioneer in the development of economical solutions for the electrical power industry. Our product range includes: Cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.

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 **Tyco Electronics**
Our commitment. Your advantage.