



Performance-Engineered Tapes and Adhesives Solutions for Electrical Applications

Shanghai Facility





Avery Dennison Yongle brings a unique combination of innovation, comprehensive R&D capabilities, deep application and technical expertise to the industries we serve.

Our highly experienced R&D team is equipped with the latest in lab and testing equipment to focus on developing the next generation of PVC and other value-added adhesive tapes to address the needs of customers worldwide.



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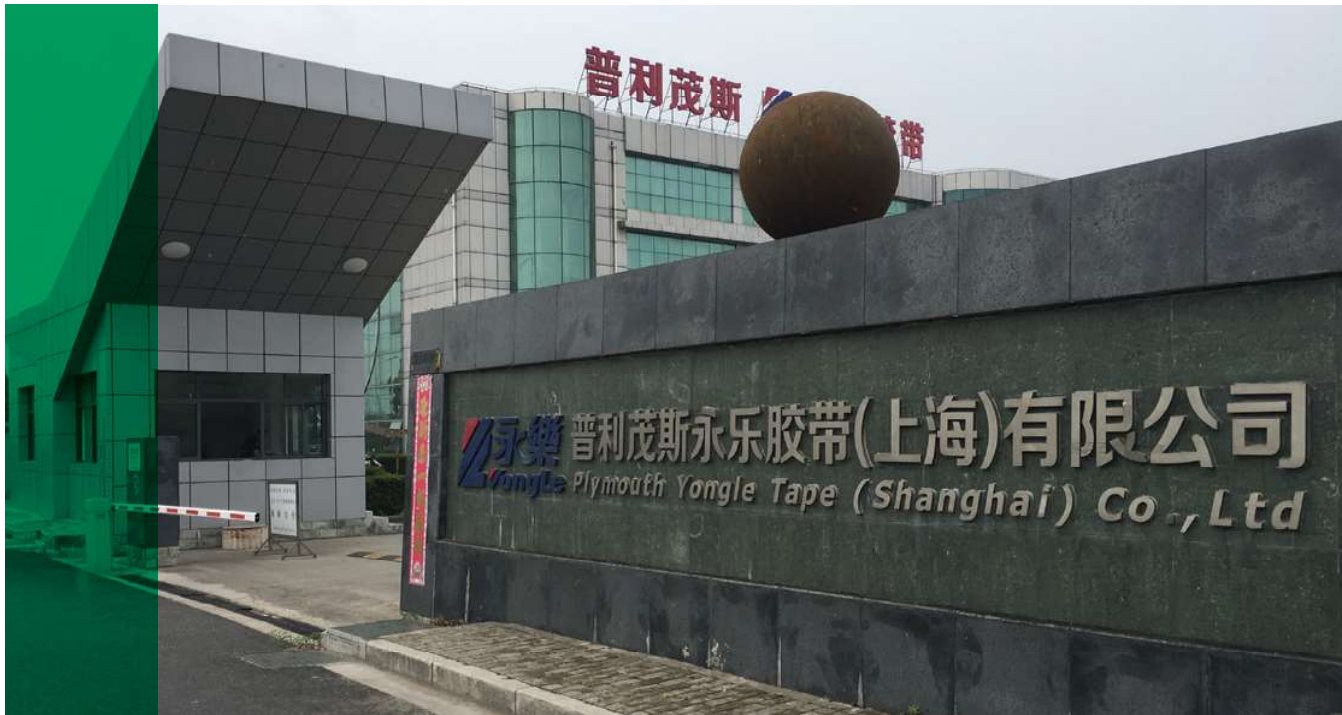
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Recognized Industry Leader

Avery Dennison Yongle is a leading manufacturer of high-performance tape solutions for automotive, electrical, and general industrial applications. We are a recognized industry leader in automotive wire harnessing applications, supplying the latest in tape and adhesive innovations designed to meet customer needs across the globe. We manufacture our wide range of high-end PVC and cloth tapes from our two world-class manufacturing sites located in Zhuozhou and Shanghai China, and maintain a worldwide distribution and service network.

Headquartered in Zhuozhou, China, Avery Dennison Yongle has more than 1,300 employees. Avery Dennison Yongle is an integral part of the Avery Dennison Industrial and Healthcare Materials group of businesses and Avery Dennison Corporation, a global leader in pressure-sensitive and functional materials, and labeling solutions.



Proven Solutions

Avery Dennison Yongle is committed to excellence and dedicated to ongoing innovation, delivering high performance application solutions to the segments we serve. We have over 30 years of experience in tape R&D and manufacturing, supplying customers in China and worldwide. Our proven solutions make Avery Dennison Yongle your partner of choice.

World-class manufacturing in Zhuozhou, Hebei

- In 2014, the Huaxia Zhuozhou plant established in 1985 was relocated to the Yongle Industrial Park, covering an area of 130,000 square meters.
- The facility designs, develops and manufactures PVC film, cloth tape, low VOC tape, rubber tape, PVC tape, adhesives and polymeric plasticizer.

World-class manufacturing in Songjiang district, Shanghai

- In 2004, Plymouth-Yongle Tape (Shanghai) Co., Ltd. was established in Shanghai, covering an area of 60,000 square meters.
- The facility designs, develops and manufactures for the automotive industry high-end PVC tape and low VOC tape.

Our top experts at home and abroad support customers' long-term technical requirements. We pay special attention to quality control in raw materials, production processes and the final products we supply our customers.

Automotive and industry certifications:

- Yongle has received UL, CSA, VDE, UPC, CE approvals; Delphi, Lear, Sumitomo, Furukawa wire harness company approvals; GM, VOLVO, FORD, FCA and Toyota automobile company approvals, and passed TS16949, ISO9001, ISO14001 system approvals.



PROFESSIONAL GRADE VINYL ELECTRICAL TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|---|---|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|---|--|
| Professional Grade Vinyl Electrical Tape | | | | | | | | | | | |
| PRO-98 | Professional Grade Vinyl Electrical Tape | 0.215 | 45.5 | 300 | 3 | 2.4 | -18~105 | 19mm x 20m 38mm x 20m 38mm x 33m | UL CSA | Black | |
| PRO-43 | Professional Grade Vinyl Electrical Tape | 0.18 | 35 | 300 | 3 | 2.7 | -18~105 | 19mm x 6m 19mm x 20m | UL CSA VDE | Grey, Black | |
| PRO-36C | Professional Grade Color Coding Vinyl Electrical Tape | 0.18 | 35 | 300 | 3 | 2.7 | -18~105 | 19mm x 20m 12.7mm x 6m | UL CSA VDE | Red, Blue, Orange, Brown, White, Yellow, Violet, Grey, Green, Yellow/Green | |



| | Description | Recommended Uses |
|--|--|--|
| | Professional grade vinyl electrical tape is all-weather, pressure sensitive vinyl tape that gives complete electrical and mechanical protection for most general taping jobs with more dielectric protection than similar tapes. The method of bonding the adhesive to the vinyl prevents transfer and gives greater adhesive strength. It can be stretched to conform easily without breaking. It is easily applied at low temperatures. Lead free and flame retardant. | For general splicing. Provides primary insulation for splices at not more than 600 Volts. Use as a protective outer jacket. Professional grade vinyl plastic tape is excellent for low temperature applications. |



COMMERCIAL GRADE VINYL ELECTRICAL TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|--|--|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|------------|-------------------|--|--|
| Commercial Grade Vinyl Electrical Tape | | | | | | | | | | | |
| EC-800 | Commercial Grade Vinyl Electrical Tape | 0.18 | 32 | 250 | 2.6 | 2.6 | -10~105 | 19mm x 20m | UL CSA | Red, Blue, Orange, Brown, White, Yellow, Violet, Grey, Green, Black | |



Description**Recommended Uses**

A 7 mil (0.18mm) commercial grade, weather resistant, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. EC-800 is flame retardant and lead free, highly resistant to sun, water, oil, acids, alkalies, corrosive chemicals.

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts and provides a protective outer jacket for splices at higher voltages. Can be used for wrapping wire harnesses and insulating degaussing coils. Colors can be used for color coding electrical circuits.

GENERAL GRADE VINYL ELECTRICAL TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|--|---|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|---|--|
| General Grade Vinyl Electrical Tape | | | | | | | | | | | |
| 513/514 | Vinyl Electrical Tape | 0.13 | 20 | 200 | 1.5 | 1.5 | 0~80 | 19mm x 10m 19mm x 20m | - | Black, Silver, Red, Green, White, Blue, Yellow | |
| 515/516 | Vinyl Electrical Tape | 0.15 | 22 | 200 | 1.8 | 1.6 | 0~80 | 19mm x 10m 19mm x 20m | - | | |
| 518/519 | Vinyl Electrical Tape | 0.18 | 24 | 200 | 1.8 | 1.6 | 0~80 | 19mm x 10m 19mm x 20m 51mm x 20m | - | | |
| EE-100 | General Purpose Vinyl Electrical Tape | 0.18 | 28 | 200 | 2.2 | 2.2 | -10~80 | 19mm x 18m | UL CSA VDE | Red, Blue, Orange, Brown, White, Yellow, Violet, Grey, Green, Black | |
| EE-110 | General Purpose Vinyl Electrical Tape | 0.19 | 30 | 200 | 2 | 2 | 0~80 | 19mm x 18m | - | Black, White, Red, Blue, Yellow, Green | |
| EE-120 | General Purpose Vinyl Electrical Tape | 0.2 | 32 | 200 | 2 | 2 | 0~80 | 19mm x 18m | - | Black, White, Red, Blue, Yellow, Green | |
| EE-200 | Heavy Duty, General Purpose Vinyl Electrical Tape | 0.25 | 46 | 240 | 2.6 | 2.6 | -10~80 | 19mm x 18m 19mm x 33m | UL CSA | Black, White | |



| | Description | Recommended Uses |
|--|--|---|
| | <p>A general corrosion protection pressure sensitive vinyl tape that gives complete environmental, mechanical and electrical protection for most pipe wrapping jobs. Method of bonding the adhesive to the vinyl prevents transfer and gives greater adhesive strength. It can be stretched to conform easily without breaking. Lead free.</p> | <p>Protect pipe joints, conduit and couplings for over-head or direct buried applications. Primary electrical insulation for all wire and cable joints and repairs below 600V. Harnessing of wire and cable. The colors could be used for the identification of the pipe and cable.</p> |
| | <p>A general purpose, weather resistant, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. Flame retardant and lead free. Can be used as primary insulation for splices up to 600 volts.</p> | <p>Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts and provides a protective outer jacket for splices at higher voltages. Can be used for wrapping wire harnesses and insulating degaussing coils. Colors can be used for color coding electrical circuits.</p> |



VINYL ELECTRIC TAPE FOR THE EUROPEAN MARKET

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors |
|---|--|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--------------------------|-------------------|--|
| Vinyl Electrical Tape for the European Market | | | | | | | | | | |
| 510 | Commercial Grade Vinyl Electrical Tape | 0.13 | 25 | 200 | 2.5 | 2.5 | 0~90 | 19mm x 20m 25mm x 33m | VDE | Black, Orange, Red, Green, White, Violet, Blue, Brown, Yellow, Isogen Grey, Yellow / Green |
| 610 | Commercial Grade Vinyl Electrical Tape | 0.15 | 28 | 200 | 2.5 | 2.5 | 0~90 | 19mm x 20m 25mm x 33m | VDE | |

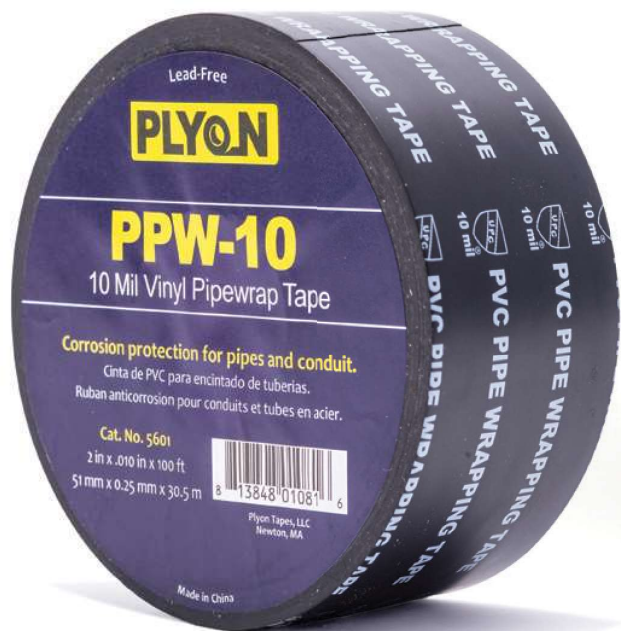


| | Description | Recommended Uses |
|--|--|---|
| | <p>A commercial grade, weather resistant, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. It is flame retardant and can be used as primary insulation for splices up to 600 volts VDE approved, Lead-free, REACH & RoHS compliance.</p> | <p>Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts and provides a protective outer jacket for splices at higher voltages. Can be used for wrapping wire harnesses and insulating degaussing coils. Colors can be used for color coding electrical circuits.</p> |



CORROSION PROTECTION VINYL PIPEWRAP

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|-------------------------------------|-------------------------------------|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--------------|-------------------|--------|--|
| Corrosion Protection Vinyl Pipewrap | | | | | | | | | | | |
| PPW-10 | Corrosion Protection Vinyl Pipewrap | 0.254 | 44 | 200 | 2.2 | 2 | - | 50mm x 30.5m | - | Black | |
| PPW-20 | Corrosion Protection Vinyl Pipewrap | 0.508 | 88 | 200 | 2.2 | 2 | - | 50mm x 30.5m | - | Black | |



| Description | | Recommended Uses |
|---|--|--|
| A corrosion protection, pressure sensitive vinyl tape giving complete environmental, mechanical and electrical protection for all types of pipewrapping applications. UV, bacteria and fungus resistant, PPW-10 and 20 pipewrap tape can be used for both overhead and direct burial applications. Lead-free. | | Protect pipes, pipe joints, conduit and couplings in overhead or direct burial applications. Protects from all types of corrosion. |



EASY TEAR TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|----------------|--------------------|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--------------------------|-------------------|-------------------------------------|--|
| Easy Tear Tape | | | | | | | | | | | |
| 613 | PVC Easy Tear Tape | 0.13 | 15 | 150 | 1.5 | - | - | 51mm x 30m 51mm x 45m | - | Brown, Blue, White, Yellow, Grey | |
| 615 | PVC Easy Tear Tape | 0.15 | 18 | 150 | 1.5 | - | - | 51mm x 30m 51mm x 45m | - | | |
| 616 | PVC Easy Tear Tape | 0.16 | 20 | 150 | 1.5 | - | - | 51mm x 30m 51mm x 45m | - | | |



| | Description | Recommended Uses |
|--|---|--|
| | <p>Environmental friendly PVC easy tear tape is a thin premium grade plasticized polyvinyl chloride film coated with an aggressive rubber resin adhesive with good characteristics. It is highly conformable and unaffected by most chemicals and moisture. It's easy tear with good lateral resistance and adhesion. Good aging resistance, sunlight resistant. Lead free.</p> | <p>Use as temporary surface protection of steel and aluminum doors and window frame for short period. It also can be used for bundling tools, carton sealing, masking.</p> |



FLOOR MARKING TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors |
|--------------------|--------------------|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--------------------------|-------------------|--|
| Floor Marking Tape | | | | | | | | | | |
| 744 | Aisle Marking Tape | 0.13 | 25 | 175 | 2.4 | 2.4 | - | 50mm x 24m 50mm x 33m | - | OSHA White, OSHA Yellow, OSHA Blue, OSHA Red, OSHA Green, Blue OSHA Purple, Clear, OSHA Orange, Brown, OSHA Black, Gray, OSHA Green |
| 743 | Aisle Marking Tape | 0.15 | 23 | 150 | 1.8 | 1.5 | - | 50mm x 24m 50mm x 33m | - | Black, Orange, Red, Green, White, Blue Yellow, Black/ Yellow, White/Red, Green/White, Grey |
| 742 | Aisle Marking Tape | 0.13 | 20 | 175 | 1.8 | 1.5 | - | 50mm x 24m 50mm x 33m | - | Black, Orange, Red, Green, White, Blue Yellow, Black/ Yellow, White/Red, Green/White, Grey |



| | Description | Recommended Uses |
|--|--|--|
| | <p>A thin premium grade plasticized PVC film coated with an aggressive rubber based adhesive with good characteristics. It is highly conformable and unaffected by most chemicals and moisture. Resistant to sun, water, oil, acids, alkalies, corrosive chemicals Abrasion and tear resistant. Can easily be written on temperature range 20°F to 176°F (-7°C to 80°C).</p> | <p>Color coding, duct sealing, floor marking, harness wrapping, moisture seal, bundling, masking of printed circuit boards and identification.</p> |
| | <p>743/742 is a colored, general purpose, pressure sensitive vinyl plastic tape possessing excellent mechanical properties required for a multitude of uses. Thin and conformable, 743/742 is easy to apply and has excellent adhesion for a fast, firm hold.</p> | <p>Indicated for floor signing of sport courts, factories, offices, banks, mails, parking lots. It can also be used for marking clear and smoked glass, as well as identifying industrial facilities (oil, water, and other products pipes). Used for decorating and protecting.</p> |



PVC PROTECTIVE TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|---------------------|-----------------------|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--------------------------|-------------------|---------------|--|
| PVC Protective Tape | | | | | | | | | | | |
| 730/731 | Vinyl Protective Tape | 0.13 | 20 | 150 | 1.5 | 1 | - | 50mm x 55m 50mm x 33m | - | Orange, White | |



| | Description | Recommended Uses |
|--|---|---|
| | <p>730 / 731 is a 5 mil (0.13mm) general purpose vinyl plastic tape coated with aggressive rubber adhesive processing excellent mechanical properties. It is thin but durable, easy to apply.</p> | <p>Suitable for outdoor use, UV resistant. General use, marking and demarcating. Fixing and securing plastic sheeting. Repairing plastic sacks. Joining and sealing insulation materials (insulation panels, polystyrene, glass fibre, etc). It also can be used for protecting polished surfaces such as window frame.</p> |



FINE LINE MASKING TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (N/cm) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors |
|------------------------|---|----------------|-------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|------------------------------------|
| Fine Line Masking Tape | | | | | | | | | | |
| 258 | High Temperature Fine Line Masking Tape | 0,15 | 26 | 130 | 2,6 | 2,7 | - | Length: 55m Width: 6, 9, 19, and 25mm Core diameter: 76mm | - | Dark Blue |
| 268 | High Temperature Fine Line Masking Tape | 0,15 | 26 | 140 | 2,6 | 2,7 | - | Length: 55m Width: 6, 9, 19, 25 and 38mm Core diameter: 76mm | - | OSHA Green, Kelly Green, OSHA Blue |
| 278 | High Temperature Fine Line Masking Tape | 0,12 | 24 | 100 | 2,6 | 2,7 | - | Length: 33, 55m Width: 6, 9, 19, 25 and 38mm Core diameter: 78mm | - | Orange |



| | Description | Recommended Uses |
|--|---|--|
| | <p>Fine line masking tape is a premium grade vinyl plastic film coated with strong rubber based adhesive. It is high temperature resistant, can be used in the presence of 150 °C temperature for at least 1 hour and leave a sharp, clean separation line. Excellent adheres to wide variety of surfaces. Follows contours and remains in place as long as necessary. Leaves no residue upon removal. RoHS & REACH compliance.</p> | <p>Preferred where tape must conform and follow contours without wrinkling or tearing. Plyon 258/268/278 is used when flake resistance and removal without adhesive transfer is important.</p> |



LOW VOLTAGE RUBBER TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (psi) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|-------------------------|-------------------------------|----------------|------------------------|----------------|--------------------------|----------------------------|-------------------------|---|-------------------|--------|--|
| Low Voltage Rubber Tape | | | | | | | | | | | |
| PLY-122 | Rubber Tape Splicing Compound | 0.762 | 250 | 300 | - | - | 80 | 19mm x 3.3m 19mm x 6.7m 51mm x 6.7m | UL | Black | |
| PLY-127 | EPR Low Voltage Tape | 0.762 | 300 | 700 | - | - | 80 | 19mm x 9m 38mm x 9m | - | Black | |



| | Description | Recommended Uses |
|--|---|---|
| | Ply-122 Rubber Tape is a self-amalgamating, low voltage rubber tape for use as primary insulation at not more than 600 volts. | For insulating of splices on solid dielectric cable through 600 volts in conjunction with a jacketing tape. |
| | A 30 mil (0.76mm) self-bonding, low voltage rubber tape for insulating and jacketing splices up to 2,000 volts. PLY-127 does not have a separator (liner) permitting easier and faster application than lined tapes. Forms a void-free, moisture, sunlight and chemical resistant buildup that does not need additional protection. An entire low voltage splice in one roll of tape. | Ply-127 can be used for insulating and jacketing splices up to 2,000 volts. Ideal for low voltage insulation. |



INSULATING MASTICS

| Product Name | Product overview | Thickness (mm) | Tensile Strength (psi) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|---------------------------|--------------------------------|---|------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|--------|--|
| Insulating Mastics | | | | | | | | | | | |
| PLY-10 | Insulating Mastic | 3.17 | - | - | - | - | 90 | 95mm x 3m 95mm x 95mm 95mm x 165mm | - | Black | |
| PLY-20 | Rubber Mastic (RM) Tape | 1.65 | - | - | - | - | 90 | 38mm x 2.1m 50mm x 3m | - | Black | |
| PLY-30 | (VM) Tape | 0.65 ± 0.05 1.24 ± 0.10 2.31 ± 0.10 | - | - | - | - | 80 | 19mm x .635mm x 6m 38mm x .635mm x 6m 100mm x 1.2mm x 3m 19mm x 2.3mm x 3m 38mm x 2.3mm x 3m | - | Black | |
| PLY-40 | Insulating Mastic Vinyl-Backed | 3.28 | - | - | - | - | 90 | 102mm x 3m 102mm x 102mm 102mm x 165mm | - | Black | |



| | Description | Recommended Uses |
|--|---|---|
| | <p>Ply-10 Insulating Mastic has the superior adhesive qualities and dielectric strength needed to seal and insulate electrical connections up to 600V. It is impervious to ozone, water, soil, chemical or other corrosive chemical. It is unexcelled for cold weather applications and maintains flexibility and a tight seal even when subject to extreme flexure and has excellent thermal stability under load cycling. Ply-10 holds fast and permanently to metal, all types of cable insulations and jackets with no adverse effect on cable insulations or polymeric conducting shields.</p> | <p>For encapsulating and protecting all types of low voltage connections and devices, overhead connections, duct seals and cable end seals.</p> |
| | <p>Ply-20 Tape is a self-bonding mastic tape which consists of an ethylene propylene rubber (EPR) backing, bonded to a tacky, temperature stable, electrical grade mastic.</p> | <p>For insulating and moisture sealing of splices and terminations on solid dielectric cable. Ply-20 Tape can be wrapped, stretched, or molded around irregular shapes for insulation build-up, water sealing and surface protection.</p> |
| | <p>Ply-30 VM Tape is made of self-fusing, insulating rubber laminated to a tough, all-weather vinyl. Designed to easily mold around irregular shapes and seal to all clean surfaces. Ply-30 VM Tape is ideal for sealing, insulating and padding electrical connections up to 600V. Provide excellent cathodic protection for direct buried or submerged applications. Tough vinyl backing is impervious to ozone, water, soil and corrosive chemicals.</p> | <p>For sealing, insulating and padding all low voltage electrical connections. Ideal for splicing and sealing applications in the Telecommunications, CATV and Electrical Industries.</p> |
| | <p>Ply-40 is a vinyl backed insulating mastic possessing the superior adhesive qualities and dielectric strength required to seal and insulate direct buried, submerged or overhead electrical connections up to 1000 volts. The vinyl backing adds mechanical strength and is UV resistant. It is impervious to ozone, water, soil and corrosive chemicals. Ply-40 holds fast and permanently and will not adversely affect cable insulations and polymeric conducting shields.</p> | <p>For encapsulating and protecting direct buried low voltage connections and devices, terminations, overhead connectors, duct seals, and cable end seals. Ideal for covering molded joints on CN cables.</p> |



HIGH VOLTAGE RUBBER TAPE

| Product Name | Product overview | Thickness (mm) | Tensile Strength (psi) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|--------------------|---------------------------------|----------------|------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|--------|--|
| High Voltage Tapes | | | | | | | | | | | |
| PLY-69W | EPR High Voltage Tape | 0.762 | 350 | 750 | - | - | - | 19mm x 9m 25mm x 9m 38mm x 9m 51mm x 10m | - | Black | |
| PLY-69L | Linerless EPR High Voltage Tape | 0.762 | 400 | 760 | - | - | - | 19mm x 9m 25mm x 9m 38mm x 9m 51mm x 9m | - | Black | |
| PLY-62 | EPR High Voltage Tape | 0.508 | 450 | 920 | - | - | - | 19mm x 9.1m 25mm x 9.1m 38mm x 9.1m 51mm x 9.1m | - | Black | |
| PLY-17 | Shielding Tape | 0.762 | 225 | 500 | - | - | - | 19mm x 4.6m | - | Black | |
| PLY-46 | Medium Voltage Tape | 0.508 | 350 | 750 | - | - | - | 19mm x 10m 25mm x 10m 38mm x 10m 51mm x 10m | - | Black | |



| | Description | Recommended Uses |
|--|--|--|
| | <p>PLY-69W is an ethylene propylene rubber based high voltage tape possessing excellent electrical, chemical, and physical properties. PLY-69W is a self-amalgamating tape that maintains a tight insulation build-up for void free electrical stability and permanent resistance to moisture penetration. The excellent stretch of PLY-69W permits fast taping speeds and uniform build-up with normal taping techniques. PLY-69W is compatible with all extruded dielectric cable insulations. UV Resistant.</p> | <p>For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts thru 35,000 volts. Moisture seal for all water-proofing needs and insulating and protecting bus components. Due to its high stable mechanical and chemical properties, PLY-69W is ideal for cable jacket repair and restoration.</p> |
| | <p>PLY-69L is an ethylene propylene rubber based high voltage tape possessing excellent electrical, chemical and physical properties. It is a linerless, self-bonding tape that permits much quicker taping speeds than a tape with a liner and yields a uniform, void-free build-up. The excellent stretch of PLY 69L allows conformability to the most complex shape and contour. PLY 69L is compatible with all extruded dielectric cable insulations. UV Resistant.</p> | <p>For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts through 35,000 volts, Insulate and protect bus bars and joints.</p> |
| | <p>Ply-62 is an ethylene propylene rubber based high voltage tape possessing superior electrical, chemical, mechanical and thermal properties. Ply-62 is a self-amalgamating tape that fuses quickly yielding a void-free, electrically stable build-up. Ply-62 is a high performance tape that has out-standing corona and ozone resistance, low dielectric constant and high dielectric strength. Ply-62 is compatible with all extruded dielectric cable insulations.</p> | <p>For insulating and jacketing of splices on power cable from 600 volts through 138,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts through 35,000 volts. A major component in transition joint construction.</p> |
| | <p>Ply-17 shielding tape is an ethylene propylene rubber based, self-amalgamating and conducting tape. Its unsupported construction makes it ideal for use on power cable where accommodation of expansion and contraction due to load cycling is important. The excellent stretch of Ply-17 allows conformability to complex shapes. Ply-17 is compatible with all extruded dielectric cable insulations.</p> | <p>For electrostatic shielding on high voltage splices and terminations. Filling indens in compression connectors and rebuilding strand shielding on high voltage splices. Shielding bus and overhead.</p> |
| | <p>Ply-46 is a polyisobutylene based medium voltage tape possessing excellent electrical, chemical and physical properties. It is a self-amalgamating tape that maintains a tight insulation build-up for void-free electrical stability and permanent resistance to moisture penetration. The excellent stretch of Ply-46 tape permits fast taping speeds and uniform build-up with normal taping techniques. Ply-46 is compatible with all extruded dielectric cable insulations.</p> | <p>For insulating and jacketing of splices on power cable from 600 volts through 46,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts thru 35,000 volts. Moisture seal for telephone joints and other waterproofing needs. Insulates and protects bus components.</p> |



SPECIAL PURPOSE TAPES

| Product Name | Product overview | Thickness (mm) | Tensile Strength (psi) | Elongation (%) | Adhesion to Steel (N/cm) | Adhesion to Backing (N/cm) | Temperature Rating (°C) | Sizes | Product Approvals | Colors | |
|-----------------------|-------------------------------|----------------|------------------------|----------------|--------------------------|----------------------------|-------------------------|--|-------------------|--------|--|
| Special Purpose Tapes | | | | | | | | | | | |
| PLY-15 | Tinned Copper Shielding Braid | - | - | - | - | - | - | 25mm x 4.5m 25mm x 30.5m | - | Silver | |
| PLY-53 | Arc and Fire Proofing Tape | 0.762 | - | 300 | - | - | - | 25mm x 6m 38mm x 6m 51mm x 6m 76mm x 6m | - | Grey | |



| Description | | Recommended Uses |
|-------------|---|--|
| | Ply-15 copper shielding braid is an all-copper knit-mesh designed to allow excellent conformability when hand applied in the field. Special knit design allows easy application and provides positive metallic shielding. | Insulation shielding for splices and terminations of shielded cables. |
| | Ply-53 is an unsupported, linerless, elastomeric tape possessing superior arc and flame resistance for cable protection in all types of applications. Unsupported construction offers excellent flexibility and conformability for easy application. When subjected to severe flame conditions, Ply-53 will generate a thermally insulating residue for cable protection. Ply-53 is water, chemical and UV resistant. | For arc and fire proofing all types of cable and cable splices in manholes, cable trays, switch boxes, vaults and substations. |

All technical information and data mentioned are provided to the best of our knowledge on the basis of our lab tests believed to be reliable. They shall be considered as typical values and are not appropriate for a specification. Therefore, all statements, technical information and recommendations concerning products sold or samples provided by Avery Dennison Yongle do not constitute a guarantee or warranty. All products are sold with the understanding that user has independently determined the suitability of such products for its application purposes.

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