

AEROSPACE TAPES





Cargo Pit Sealing Tapes

Flame-retardant, high tensile strength, and excellent puncture and tear resistance are required for covering seams as well as patching and repairing panels in critical aircraft cargo compartments.

POLYKEN cargo compartment tapes offer these features and more including lightweight constructions that help reduce overall aircraft weight for fuel and cost savings.



Whether flame retardance, UV or moisture resistance, abrasion protection, or another application-specific performance feature, Polyken Engineered Tape Technologies provide the ultimate balance of performance attributes to meet challenging specification-driven applications for the aerospace industry.



PATCO engineers understand that every Aerospace application - from moisture barrier to surface protection - has inherent performance requirements that call for customized solutions. That is why for more than 50 years, PATCO has provided the Aerospace OEM and aftermarket industry with the world's most advanced portfolio of Performance Engineered Tapes.

CARGO PIT SEALING TAPES	03
MOISTURE BARRIER TAPES	04
CARPET TAPES	05
MOUNTING TAPES	06
FOIL & SPEED TAPES	07
INTERIOR SURFACE PROTECTION TAPES	08
EXTERIOR SURFACE PROTECTION TAPES	09
MASKING TAPES	10
CLOTH TAPES	11
PE FILM TAPES	12
ELECTRICAL TAPES	13
Specification Table	14
Shelf Life & Storage	15
Other Products	15

Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sy / g/sm	Operating Temp. °F / °C	Colors
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Polyken 225FR Flame Retardant Duct Tape

PE Coated Cloth w/ Rubber Adhesive	Flame retardant. Durable, waterproof backing. High adhesion. Deca-BDE free.	Non-passenger aircraft as a cargo seam tape. <i>Douglas DMS 1968E; Fokker Fk05-006, Fk05-113, FAR 25.853(a)(1)(i); Lockheed LCP-86-1226-A</i>	12.0 0.305	40 4.38	29 50.79	10.0 339.1	40 - 200 4 - 93	White Printed
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Polyken 290FR Heavy-Duty Cargo Pit Tape

PE/Fiberglass Cloth w/ Rubber Adhesive	Flame retardant. Lightweight construction. Superior abrasion resistance. Resists lifting and curling. Removes cleanly. Deca-BDE free.	Seals seams of cargo hold floor panels. Repair and patch cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); Airbus ABD0031, Para 7.3.2 & 7.4; Boeing 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B; Bombardier DSC 91-8-2 & 91-18-2A</i>	13.0 0.330	38 4.16	150 262.69	13.4 453.3	40 - 200 4 - 93	White Printed
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Polyken 296FR Lightweight Cargo Pit Tape

Fiberglass Cloth w/ Acrylic Adhesive LDPE Liner	Bromide-free and flame-retardant. Conformable to accommodate corners. Repositionable and clean removal. Lightweight construction saves cost.	Lightweight tape for cargo hold floor panel seam sealing. Repair of cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); FAR 25.856(a); Airbus ABD0031, Para 7.3.2 & 7.4; Boeing BMS5-146M, 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B</i>	7.0 0.178	45 4.92	134 234.67	6.8 210.0	-40 - 275 -40 - 135	White Printed or Unprinted
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Polyken 297 Multi-Purpose Cargo Pit Tape (Unprinted)

Fiberglass Cloth w/ Rubber Adhesive LDPE Liner	Flame-retardant. High-tensile fiberglass backing. Superior abrasion and moisture resistance. Resists lifting and curling. High shear adhesive maintains seal under loads. Deca-BDE free.	Mid-weight tape for cargo hold floor panel seam sealing. Repair of cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); Boeing 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B; Bombardier DSC 91-18-2A</i>	8.0 0.203	50 5.47	150 262.69	8.1 274.7	40 - 200 4 - 93	White
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Moisture Barrier Tapes

PATCO moisture barrier tapes offer conformability, exceptional resistance to water, chemicals, solvents, abrasion, and puncture. Designed to provide a waterproof seal on aircraft floor boards, PATCO moisture barrier tapes are deployed in the entryway, lavatory, galley, and other areas where water and moisture can penetrate carpet or other flooring surfaces resulting in potential corrosion and damage to critical aircraft systems.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sy / g/sm	Operating Temp. °F / °C	Colors
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Patco 1800 PVC Moisture Barrier Tape								
PVC Film w/ Acrylic Adhesive Kraft Paper Liner	Economical moisture protection. Conformable. Compatible with most sealants. Forms a permanent bond.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways. <i>FAR 25.853(a); Fokker FK05-159 & FK05-160; Bombardier 91-25-1, 91-25-2, 91-25-3, 91-25-3, 91-25-4, 91-25-5, 9-25-6</i>	9.5 0.241	50 5.47	25 43.78	10.7 362.8	-40 - 200 -40 - 93	Black

Patco D9100/D9100SW PU Moisture Barrier Tape								
Interior-grade PU Film w/ Urethane Adhesive Self-wound or 94# Kraft Liner	Tough, elastic backing. Bonds directly over wet sealants. Easy to use at wide widths.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways. <i>FAR 25.853(a); Boeing BMS 8-346 Type I & II Class 1; Airbus AIMS 10-05-004 (ABS 5093); ABD0031 Para 7.3.2 & 7.4; Fokker FK05-193</i>	9.0 0.229	50 5.47	70 122.59	8.6 291.6	-65 - 300 -54 - 149	Clear

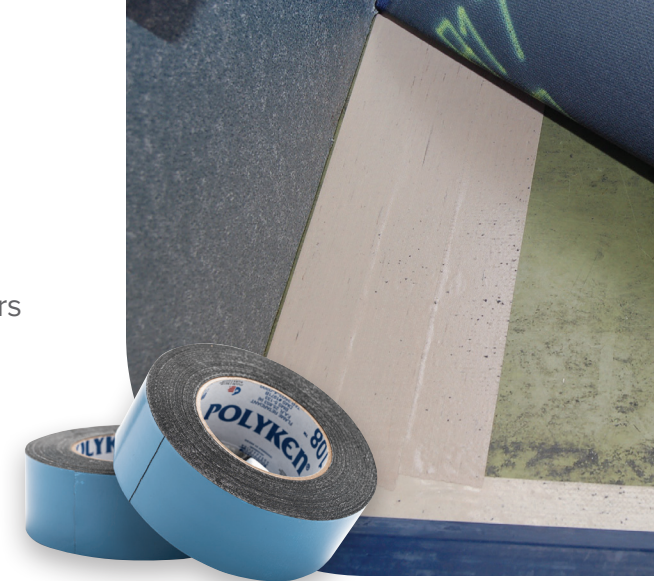
Patco D9180 Heavy-Duty PU Moisture Barrier Tape								
Interior-grade PU Film w/ Urethane Adhesive 94# Kraft Liner	Tough, elastic backing. Bonds directly over wet sealants. Extra thickness for good lay-flat and dimensional stability. Easy and fast to apply.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entry ways. <i>FAR 25.853(a); Fokker FK05-193</i>	14.0 0.356	45 4.92	100 175.00	13.05 442.47	-65 - 300 -54 - 149	Clear

Patco D9200 Heavy-Duty Outdoor PU Moisture Barrier Tape								
Exterior-grade PU Film w/ Acrylic Adhesive HDPE Liner	Tough, highly elastic film. Flame-retardant. Non-yellowing.	Moisture seal for floor joints in wet areas such as galleys, lavatories, and doorways. <i>FAR 25.853(a); Fokker FK05-193</i>	14.0 0.356	80 8.75	80 140.10	12.60 427.21	-40 - 275 -40 - 135	Clear

Patco 9425FR SealDry® Lightweight PU Moisture Barrier Tape								
Interior-grade PU Film w/ Acrylic Adhesive HDPE Liner	Contains no plasticizers or PBDEs. Tough, durable backing. Lightweight material saves cost. Moderately aggressive adhesive for repositioning and clean removal.	Light-weight moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways. <i>FAR 25.853(a); Boeing BMS 8-346 Type 1, Class 3; Bombardier BAMS 535-007 Type VI</i>	6.0 0.152	28 3.06	34 59.54	5.0 169.53	-10 - 250 -23 - 157	Clear

Carpet Tapes

POLYKEN double-coated carpet tapes provide exceptional bonding to hold carpet in place in aircraft cabin interiors and stairs. Carpet tape eliminates the need for mechanical fasteners that not only add weight, but can also introduce hazard to the aircraft. They can be used to secure carpeting at the time of manufacture, during maintenance and also be used for in-field repairs to eliminate tripping hazards and reduce aircraft downtime. POLYKEN carpet tapes install easily and remove cleanly from floor panels for fast, easy changeover.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sy / g/sm	Operating Temp. °F / °C	Colors
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Polyken 108FR Premium Carpet Tape								
Cloth w/ FR Rubber Adhesive HDPE Liner	High strength flame retardant adhesive bonds well to surfaces. Repositionable and clean removal.	Carpet installation in passenger areas for aircraft, automotive, or marine applications. Mounting and bonding for general machine and shop handling. <i>FAR 25.853(a); Boeing BMS 5-133 Type II, Class 1 & 2, BAC5034-4 Sec. 5.1.a(1)(b); Bombardier DSC 91-8-1 & 91-8-2; Embraer MEP 06-048; Fokker FK05-121 & FK05-197; Lockheed LAC C-24-1257</i>	15.0 0.381	60 6.56	55 96.32	13.0 472.9	40 - 200 4 - 93	Natural, Black

Polyken 1111FR Lightweight Carpet Tape <i>(In developmental stage. Not currently available.)</i>								
Lightweight PET Film w/ Differential Adhesive Kraft Liner	Ultra-lightweight formulation for improved fuel economy. High strength flame retardant adhesive bonds well to surfaces. Repositionable and clean removal.	Carpet installation in passenger areas for aircraft, automotive, or marine applications. Multi-purpose mounting and bonding. Additional delivery option available: 1112FR with liner on low-adhesion side. <i>FAR 25.853(a); Airbus ABD0031, Para 7.2 & 7.4; Boeing BMS 5-133 Type IV, Class 1</i>	3.9 0.099	Floor/Air 42 4.60	27 152.6	4.5 152.6	20 - 180 -7 - 82	Black/ Gray

Polyken 105C Multi-Purpose Carpet Tape								
Non-FR Cloth w/ Rubber Adhesive LDPE or Kraft Liner	Excellent adhesion particularly for rough surfaces. Clean removal. Easy-to-use release liner for smooth unwind.	Temporary carpet installation where FR is not required. Multi-purpose mounting and bonding for general machine and shop handling. <i>Boeing BAC5034-4 Sec. 5.1.a(1)(a)</i>	11.0 0.279	40 4.38	20 35.03	8.8 298.4	40 - 200 4 - 93	Natural



Mounting Tapes

POLYKEN double-coated film mounting tapes offer a thin, low-profile adhesive that bonds permanently to plastics, aluminum, steel, paper, vinyl and more. Primary applications include mounting signs, placards, decals, and interior trim pieces throughout the aircraft. Also used for temporary hold-down applications, double-coated mounting tapes can secure parts and materials during milling and machine operations.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sy / g/sm	Operating Temp. °F / °C	Colors
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Polyken 126 Light-Weight Mounting Tape

PET Film w/ Acrylic Adhesive Kraft Liner	Thin and conformable. Well-suited to high temperature applications. High tack for quick grab to a variety of surfaces.	Temporary bonding for machining and milling of aircraft parts. Securing name plates, face plates, and decorative trim.	3.8 0.097	25 2.74	6.0 10.51	3.0 101.7	0 - 395 -17 - 201	Clear
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Polyken 726 Light-Weight Mounting Tape (Red)

PET Film w/ Acrylic Adhesive Kraft Liner	Thin and conformable. Well-suited to high temperature applications. High tack for quick grab to a variety of surfaces.	Temporary bonding for machining and milling of aircraft parts. Securing name plates, face plates, and decorative trim.	3.8 0.097	25 2.74	6.0 10.51	3.0 101.7	0 - 395 -17 - 201	Red
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Foil & Speed Tapes

POLYKEN offers a variety of foil tapes designed for multiple maintenance and aircraft uses. Applications include heat shielding, surface masking and protection during paint stripping, welding, autoclaving and composites, general repairs, insulation sealing, and more. The POLYKEN assortment features several foil thicknesses to deliver conformability and strength as well as either rubber or acrylic adhesive options to suit the temperature requirements of unique and challenging applications.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C
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Polyken 345SW Self-Wound Speed Tape

3 mil Aluminum Foil w/ Acrylic Adhesive	Excellent adhesion. Clean removal from most surfaces. High shear strength and abrasion resistance. Superior chemical and moisture resistance.	Aircraft sealing and masking applications to prevent crazing and hazing during paint stripping. Moisture barrier in the production of military munitions and appliances. Anodizing, electroplating, and composites. <i>FAR 25.853(a); SAE AMS-T-23397B; L-T-80B; Fokker Fk 05-011</i>	5.0 0.127	68 7.44	26 45.53	-40 - 350 -40 - 177
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Polyken 347 Lined Speed Tape

3 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Excellent adhesion. Clean removal adhesive. High shear strength and abrasion resistance. Superior chemical and moisture resistance. Available 36" width.	Aircraft sealing and masking applications to prevent crazing and hazing during paint stripping. Moisture barrier in the production of military munitions and appliances. Anodizing, electroplating, and composites. <i>FAR 25.853(a); SAE AMS-T-23397B; L-T-80B; Fokker Fk 05-011</i>	5.0 0.127	68 7.44	26 45.53	-40 - 350 -40 - 177
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Polyken 332 Utility Grade Foil Tape

1.5 mil Aluminum Foil w/ Synthetic Rubber Adhesive Kraft Liner	Exceptional quick-stick. Conformable foil backing. Easy to use and install. Mold and mildew resistant.	Insulation seaming and patching. General repair. <i>UL 723 Classified</i>	3.2 0.081	75 8.21	11 19.26	40 - 200 4 - 93
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Polyken 330X High Temperature Foil Tape (260 °F)

1.75 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Exceptional performance in all temperature environments. Conformable foil backing. Easy to use. High tack. Mold and mildew resistant.	Sealing and masking in extreme heat, extreme cold, and indoor/outdoor conditions in aerospace applications. General patching and repairs. <i>UL 723 Classified; FAR 25.853(a)</i>	3.5 0.089	55 6.02	14 24.52	-35 - 260 -37 - 126
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Polyken 335FT High Temperature Foil (500 °F)

1.75 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Exceptional performance in all temperature environments. Conformable foil backing. Easy to use. High tack. Mold and mildew resistant.	Sealing and patching in extreme heat, extreme cold, and indoor/outdoor conditions in aerospace applications. Surface protection. General patching and repairs.	3.5 0.089	55 6.02	14 24.52	-50 - 500 -65 - 260
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Interior Surface Protection

Featuring clean removal adhesive systems, PATCO interior surface protection tapes are deployed during maintenance operations to protect a variety of aircraft surfaces from scratches, puncture, and exposure to moisture or chemicals. Designed to remove cleanly after the maintenance operations are complete, interior surface protection tapes can be used on control panel surfaces, wood and coated surfaces, fabrics and leather, plastics, metals, and more.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
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Patco 5565FR PE General Surface Protection Tape								
LDPE Film w/ Acrylic Adhesive	Thick and highly conformable. Abrasion, moisture, and solvent-resistant. Clean removal from most surfaces. Excellent all-temperature performance.	Aircraft general surface protection applications on various interior materials during maintenance and repair operations. FAR 25.853(a)	5.5 0.140	12 1.31	12 21.02	500	-40 - 190 -40 - 88	Clear, Tinted Orange

Patco 8450 PU Heavy-Duty Surface Protection Tape								
Interior-grade PU Film w/ Acrylic Adhesive 94# Kraft Liner	Tough, durable, abrasion-resistant film. Conformable for curves and corners. Excellent aging properties. Solvent-resistant.	Heavy-duty surface protection on most metals and plastics. Squeak and rattle protection. Noise and vibration damping. Moisture barrier.	9.5 0.241	75 8.21	40 70.05	700	-40 - 250 -40 - 121	Black

Patco 3910R PP Interior Surface Protection Tape								
Embossed OPP Film w/ Rubber Adhesive	Conformable and heat-resistant. Does not lift during molding or shaping. Removes cleanly from most surfaces. Smooth, consistent unwind for ease of use.	Aircraft general surface protection applications for control panels, corners, panels, and signs that are subjected to possible damage during maintenance.	4.1 0.104	17 1.86	14 24.52	700	-40 - 325 -40 - 162	Clear, Tinted Red

Exterior Surface Protection

PATCO offers high performance tapes for protecting the exterior surfaces of aircraft. Applications include high visibility sealing and protecting critical static ports, direct protective mask during paint or cleaning operations, preservation and sealing during transport or storage, and leading edge protection to prevent chips and damage that can reduce aircraft efficiency. Designed for use outdoors, exterior surface protection tapes hold up to the elements during both short and long-term exposure uses.

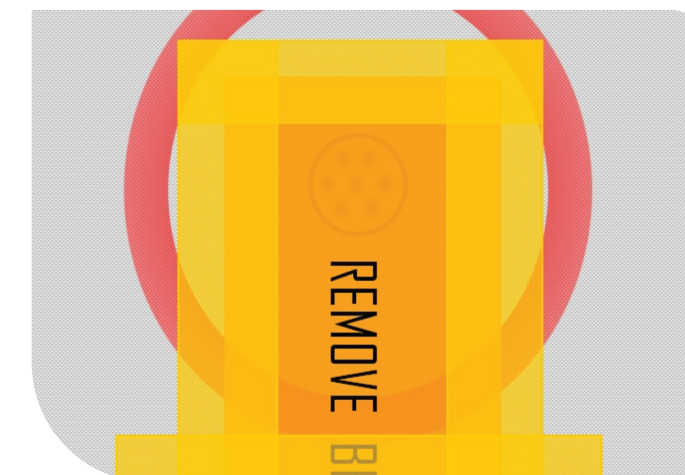


Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
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Patco 5030 PE Static Port Protection Tape								
PE Film w/ Acrylic Adhesive	UV-resistant, clean removal for up to 28 days. Firm bond with no edge bleed. Resists citrus cleaners. High visibility colors. Excellent all-temperature performance.	High visibility static port protection. Temporary indoor/outdoor surface protection. Color coding and parts marking. General purpose sealing.	5.5 0.140	50 5.47	11 19.26	400	-40 - 190 -40 - 88	Gloss Yellow, Orange, Red

Patco 5410 PE Long-Term Outdoor Protection Tape								
UV-Stable LDPE Film w/ Rubber Adhesive	UV and weather-resistant. Excellent low temperature adhesion. Chemical and abrasion resistant.	Long-term preservation, sealing, and splicing applications. Direct protective mask on aircraft. Used in conjunction with outdoor shrink film for extended outdoor equipment storage.	9.0 0.229	25 2.74	17 29.77	600	-40 - 200 -40 - 93	White

Patco 8300 PU Leading Edge Protection Tape								
Exterior-grade PU Film w/ Acrylic Adhesive 94# Kraft Liner	Clear, non-yellowing film backing. Excellent long-term aging. Will not lift, stain, or dry-out. Superior conformability and ease-of-use.	Exterior surface protection film for aircraft leading and trailing edges. Protects aluminum skin from foreign object damage and rain erosion. Fokker FK05-193	14.5 0.368	110 12.03	80 140.10	500	-40 - 275 -40 - 135	Clear



Masking Tapes

Whether masking fine color separations, bulk masking for power washing or paint line applications, media blast masking protection, or protecting composites during manufacture, POLYKEN & PATCO offer engineered masking tape solutions providing the right balance of conformability, high temperature bonding, moisture and solvent resistance, and clean removal every time.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
Polyken 253 Media Blast Protection Tape								
PE Coated Cloth w/ Rubber Adhesive	Extremely tough and durable backing withstands media blast exposure. High bond rubber adhesive holds strong to smooth or rough surfaces.	Temporary surface protection for sheet metal, aluminum, and other materials during sand blast or other media blast operations. Heavy-duty bundling, sealing, and patching.	12 0.330	95 10.39	50 87.56	N/A	40 - 200 4 - 93	Silver, Black
Patco 179 High Temp PVC Finesline Masking Tape								
PVC Film w/ Rubber Adhesive	Conformable to handle compound curves and details. Matte, glare-free finish. Solvent-resistant. High temperature performance. Clean removal from most substrates.	Finesline masking on plastic fascia, trim, and finished metals during paint line and power wash operations. Short-term outdoor masking (<72 hrs). Electroplating and metal anodizing.	5.5 0.140	15 1.64	15 26.27	100	40 - 280 4 - 138	Blue (Matte)
Patco 1676 High Temp PVC Finesline Masking Tape								
PVC Film w/ Rubber Adhesive	Conformable to handle compound curves and details. Strong tack and adhesion. Solvent-resistant. High temperature performance. Clean removal from most substrates.	OEM and aftermarket finesline masking. Paint line and power wash masking. Aircraft and clean room paint masking.	5.5 0.140	24 2.63	16 28.02	110	40 - 280 4 - 138	Light Blue
Patco 1776 High Temp PVC Finesline Masking Tape								
PVC Film w/ Rubber Adhesive	Extreme high temperature performance. Tough and conformable. Moisture and solvent-resistant. Repositionable. Clean removal from most substrates. Low stretch film.	OEM and aftermarket finesline masking. Paint line and power wash masking.	5.5 0.140	22 2.41	17 29.77	190	40 - 325 4 - 162	Yellow (Matte)
Patco 3305 High Temp PP Finesline Masking Tape								
Embossed OPP Film w/ Urethane Adhesive	Translucent for easy application. Tough and conformable - doesn't wrinkle on curves and corners. Moisture and solvent-resistant. Repositionable. Clean removal from most substrates.	OEM and aftermarket finesline masking. Masking color separations on plastic, aluminum, steel, and fiberglass. Suitable for bake cycles of up to 280 °F for 45 minutes.	5.0 0.127	30 3.28	13 22.77	700	-40 - 250 -40 - 121	Green
Polyken 781 PET Composite Protection Tape								
PET Film w/ Silicone Adhesive	Tough polyester film backing. Excellent adhesion to silicone-coated materials. Excellent shear strength and adhesion. Resists high temperatures and offers excellent chemical resistance. Self wound construction.	Mask and protect surfaces during anodizing and chemical milling. Composite molding applications.	2.8 0.071	35 3.83	25 43.78	130	0 - 395 -18 - 202	Blue, Red

Cloth Tapes

POLYKEN is a pioneer in the development of high performance cloth tapes for repair, bundling, color coding and marking, hanging and sealing PE sheeting, duct sealing, and more. POLYKEN multi-purpose duct tapes, military-grade duct tapes, and matte-finish clean removal gaffer tapes perform in a wide range of aircraft maintenance facility uses.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C	Colors
Polyken 203 Multi-Purpose Duct Tape							
PE Coated Cloth w/ Natural Rubber Adhesive	Good balance of adhesion, tensile, and tack. Excellent tear. Stiff adhesive offers clean removability from most surfaces.	Bundling, packaging, seaming, and general repairs. Color coding.	9.0 0.229	85 9.30	27 47.28	40 - 200 4 - 93	Silver, Black, White, Red, Blue, Green, Olive Drab, Brown, Yellow
Polyken 231 Premium Military Grade Duct Tape							
PE Coated Cloth w/ Natural Rubber Adhesive	Durable, waterproof backing. Extra high adhesion for permanent bonds. Crisp, straight tear.	Premium grade duct tape for packaging, sealing, and waterproofing. <i>Meets ASTM D-5486 Type IV, Class 1; Douglas DPM 871-3</i>	12.0 0.305	95 10.39	50 87.56	40 - 200 4 - 93	Olive Drab, Black
Polyken 222 Premium Duct Tape							
PE Coated Cloth w/ Rubber Adhesive	Durable, waterproof backing. Extra high adhesion for permanent bonds. Crisp, straight tear.	Premium grade duct tape for packaging, sealing, and waterproofing.	12.0 0.305	90 9.85	36 63.05	40 - 200 4 - 93	Olive Drab, Silver
Polyken 510 Premium Gaffer Tape							
Matte-Finish Coated Cloth w/ Natural Rubber Adhesive	Durable, matte-finish, printable backing. High adhesion and high shear. Clean removal from most surfaces.	Indoor/Outdoor wire hold-down. Color coding. Marking hazards. Parts identification.	11.5 0.292	50 5.47	42 73.55	40 - 200 4 - 93	Black, White, Gray, Beige, Burgundy, Navy Blue, Red, Green, Yellow, Brown, Tan, Teal, Olive Drab, Royal Blue, Purple, Neon (Org, Pnk, Grn, Yel)
Polyken 512 Multi-Purpose Gaffer Tape							
Matte-Finish Coated Cloth w/ Synthetic Rubber Adhesive	Durable, matte-finish, printable backing. High adhesion and high shear. Clean removal from most surfaces.	Indoor/Outdoor wire hold-down. Color coding. Marking hazards. Parts identification.	12.0 0.305	66 7.22	40 70.05	40 - 200 4 - 93	Black, White, Gray, Beige, Red, Brown, Yellow, Neon Orange

PE Film Tapes

POLYKEN offers an exceptional range of polyethylene film tapes for indoor and outdoor uses such as hanging, sealing, seaming, patching, and repairing polyethylene sheeting and tarps. PE film tapes are ideal for temporary attachment of work orders, protective materials, labels, or placards, and can also be used to hang and seal sheeting materials to create FR and non-FR temporary containment areas during cleaning and maintenance operations.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
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Polyken 759 Heavy-Duty PE Film Tape

PE Film w/ Synthetic Rubber Adhesive	Conformable. Thick and durable. Strong bond to poly sheeting. Excellent shear strength.	Heavy-duty polyethylene splicing and hanging. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Temporary surface protection. Dissimilar metal separation.	9.0 0.229	85 9.30	30 52.54	65	40 - 200 4 - 93	Clear, Red, White
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Polyken 767UV Multi-Purpose Outdoor PE Film Tape

PE Film w/ Synthetic Rubber Adhesive	UV-resistant for up to 28 days of exposure. Removes cleanly from most surfaces. Excellent adhesion and tack.	Outdoor seaming, sealing, and hanging of poly sheeting. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Dissimilar metal separation. Temporary outdoor surface protection.	7.0 0.178	75 8.21	25 43.78	85	20 - 200 -7 - 93	Red, White
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Polyken 769UV Heavy-Duty Outdoor PE Film Tape

PE Film w/ Synthetic Rubber Adhesive	UV-resistant for up to 28 days of exposure. Removes clean from most surfaces. Excellent adhesion and tack. Strong, heavy-duty backing resists abrasion and the elements.	Outdoor seaming, sealing, and hanging of poly sheeting. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Dissimilar metal separation. Temporary outdoor surface protection.	9.0 0.229	85 9.30	32 56.04	70	20 - 200 -7 - 93	Red, White
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Polyken 127FR Flame Retardant PE Film Tape

PE Film w/ Synthetic Rubber Adhesive	Strong bond to poly sheeting. Flame retardant performance. Removes cleanly from most surfaces. Excellent shear strength. Low permeability.	Ideal for seaming, sealing, and patching flame retardant PE sheeting for temporary enclosures and containment areas where sparks or flame may be present. Bonding, patching, and repairs where FR is required. Can be certified as an FR tape for aircraft interior general purpose uses.	7.0 0.178	75 8.21	25 43.78	85	20 - 200 -7 - 93	White, Blue
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NFPA-701, FAR 25.853(a)

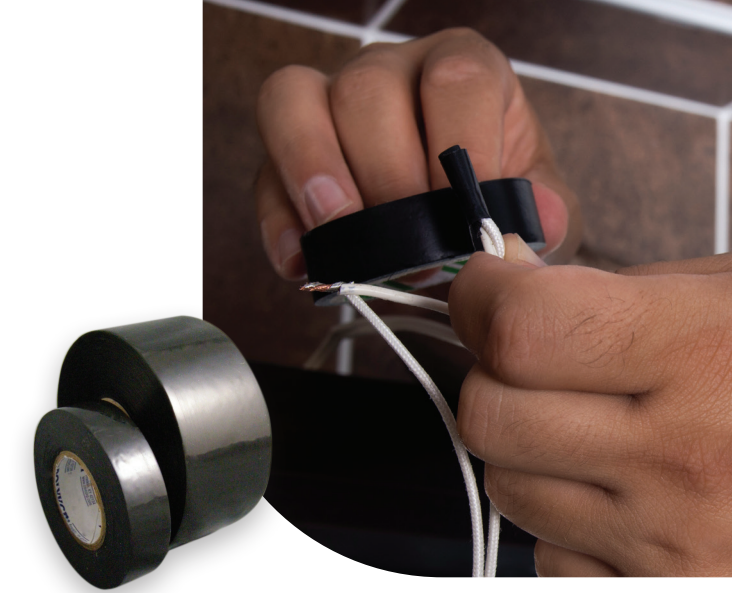
Polyken 129FR Heavy-Duty Flame Retardant PE Film Tape

PE Film w/ Synthetic Rubber Adhesive	Strong bond to poly sheeting. Flame retardant performance. Removes cleanly from most surfaces. Excellent shear strength. Strong, heavy-duty backing resists abrasion and the elements. Low permeability.	Ideal for seaming, sealing, and patching heavy flame retardant PE sheeting for temporary enclosures and containment areas where sparks or flame may be present. Bonding, patching, and repairs where FR is required. Can be certified as an FR tape for aircraft interior general purpose uses.	9.0 0.229	85 9.30	30 56.04	65	20 - 200 -7 - 93	White, Blue
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NFPA-701, FAR 25.853(a)

Electrical Tapes

Utilizing our adhesive engineering experience for the automotive industry, POLYKEN offers a number of products uniquely suited for sealing, wrapping, splicing, and protecting electrical wires and harnesses used in the aerospace industry.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C	Colors
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Patco 1800 Heavy-Duty Electrical Tape

PVC Film w/ Acrylic Adhesive Kraft Liner	Economical moisture protection. Conformable. Compatible with most sealants. Forms a permanent bond.	Heavy-duty electrical wrapping and splicing. High and low temperature applications. FAR 25.853(a)	9.5 0.241	50 5.47	25 43.78	-40 - 200 -40 - 93	Black
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Polyken 823 Premium Electrical Tape

PE Film w/ Rubber Adhesive	Superior extreme weather performance including sub-zero conditions. Provides maximum electrical insulation properties up to 11500V. Resists solvents, moisture, and abrasion.	Electrical and maintenance applications where PVC materials are not permitted. Wrapping and waterproofing wire harnesses. UL 510 Classified; Douglas DPM 881	9.5 0.241	31 3.39	17 29.77	-40 - 180 -40 - 82	Black
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Polyken 777 General Purpose Electrical Tape

PVC Film w/ Rubber Adhesive	Excellent stretch and conformability. Good adhesion. No flagging or lifting. 600V/wrap dielectric strength.	General purpose wrapping and splicing for electrical wires. Color coding. UL 510 Classified	7.0 0.178	20 2.19	18 31.52	40 - 180 4 - 82	Black
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Polyken B17 General Purpose Electrical Tape

PVC Film w/ Rubber Adhesive	Excellent stretch and conformability. Good adhesion. No flagging or lifting. 9500V dielectric strength.	General purpose wrapping and splicing for electrical wires. Color coding. UL 510 Classified	7.0 0.178	25 2.74	20 35.02	40 - 180 4 - 82	Blue, Green, White, Red, Yellow
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Stretch & Seal Self-Fusing Silicone Sealing Tape

Self-Fusing Silicone Film Clear Film Liner	High temperature resistance. Bonds well even in wet conditions. Excellent abrasion resistance and dielectric strength. Removes cleanly - leaves no residue.	Wrapping applications including electrical, light-duty pipe wrapping, plumbing and waterproofing. Excellent for temporary bundling and clamping. Wrap tool handles to form an instant grip. UL 510 Classified; A-A-59163 Type I and II	20.0 0.508	N/A	800 psi	-60 - 500 -51 - 260	Black, Clear, White, Blue
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Specification Table

SPECIFIER	SPECIFICATION NO.	PRODUCT NO.
Airbus	AIMS 10-05-004A (ABS 5093)	Patco D9100, D9100SW
	ABD0031, Paragraphs 7.3.2	Polyken 290FR, 296FR, 108FR, 1111; Patco D9100, D9100SW
	ABD0031, Paragraphs 7.4	Polyken 290FR, 296FR, 1111; Patco D9100, D9100SW
Boeing	BMS 5-133 Type II, Class 1 & 2	Polyken 108FR (Natural - Class 1; Black - Class 2)
	BMS 5-133 Type IV, Class 1	Polyken 1111FR, 1112FR
	BAC5034-4 Sec 5.1.a(1)(a)	Polyken 105C
	BAC5034-4 Sec 5.1.a(1)(b)	Polyken 108FR
	BMS 5-146	Polyken 296FR
	BMS 8-346 Type I & II, Class 1	Patco D9100, D9100SW
	BMS 8-346 Type I, Class 3	Patco 9425FR
	737-SL-25-115-B	Polyken 290FR, 297, 296FR
	737-SL-25-085-B	Polyken 290FR, 297, 296FR
	747-SL-25-195-B	Polyken 290FR, 297, 296FR
Bombardier / deHavilland	767-SL-25-112-B	Polyken 290FR, 297, 296FR
	777-SL-25-037-B	Polyken 290FR, 297, 296FR
	DSC 91-8-1	Polyken 108FR
	DSC 91-8-2	Polyken 108FR, 290FR
	DSC 91-8-2A	Polyken 290FR
Douglas / Boeing	DSC 91-25-2, -3, -4, -5, -6	Patco 1800
	BAMS 535-007, Type VI	Patco 9425FR
	DMS 1968E	Polyken 225FR
	DPM 871-2	Polyken 827
	DPM 871-3	Polyken 827 & 231
Embraer	DPM 877-1	Polyken 827
	DPM 881	Polyken 823
FAA	MEP 06-048	Polyken 108FR
	FAR 25.853(a)	Polyken 225FR, 290FR, 297, 296FR, 108FR, 345SW, 347, 330X, 127FR, 129FR Patco 5565FR, 1800, D9100, D9100SW, D9180, D9200, 9425FR
	FAR 25.855(d)	Polyken 290FR, 297, 296FR
Fokker	FAR 25.856(a)	Polyken 296FR
	FK05-006, FK05-113	Polyken 225FR
	FK05-011	Polyken 345SW
	FK05-121, Fk05-197	Polyken 108FR
	FK05-159 & FK05-160	Patco 1800FR
Lockheed	FK05-193	Patco 8300, D9100, D9180, D9200
	LCP-86-1226-A	Polyken 225FR
Military	LAC C-24-1257	Polyken 108FR
	A-A-59163 Type I & II	Nashua Stretch & Seal
	ASTM D-5486 Type IV, Class 1	Polyken 231
	PPP-T-60D	Polyken 231
	L-T-80B	Polyken 345SW, 347
NFPA	SAE AMS-T-23397B	Polyken 345SW, 347
	701	Polyken 127FR, 129FR
Underwriters Laboratories	UL 510 Classified	Polyken B17, 777, 823; Nashua Stretch & Seal
	UL 723 Classified	Polyken 330X, 332

Shelf Life, Storage, and More

PRODUCT TYPE	PRODUCT NUMBERS	SHELF LIFE
Cargo Pit Tapes	290FR, 296FR, 297, 225FR	2 years*
Carpet & Mounting Tapes	108FR, 105C, 126, 726	2 years*
Lightweight Carpet Tapes	1111FR, 1112FR	3 years*
Moisture Barrier & Electrical Tapes	1800	1 year†
Moisture Barrier & Surface Protection Tapes	8300, D9100, D9180, D9200, 9425FR	2 years*
Surface Protection & Masking	179, 1676, 1776, 3305, 5410, 5565FR, 3910R, 8450	1 year†
Speed Tape	345SW, 347	2 years*
PE Film Tapes	759*, 767UV*, 769UV*, 127FR*, 129FR*, 823*, 5030†	2 years
Duct & Foil Tapes	203, 222, 231, 253, 330X, 332, 335FT	3 years*
Gaffer Tapes	510, 512	1 year*
Electrical Tapes	777, Stretch & Seal	1 year*
Electrical Tapes	B17	5 years*

* From date of manufacture. †From date of shipment.

Recommended Storage

To ensure best possible shelf life, products should be stored

- in the original dry carton
- off of the floor
- in a well-ventilated area
- in temperatures conditions from 60° - 80 °F and relative humidity of 40 - 60%.