



WE SELL THE
**COMPLETE
PACKAGE** FOR
YOUR GRANITE &
SOLID SURFACE
APPLICATIONS

- High Bond Tape
- Interior Mounting Tape
- Double-Sided Foam Tape

- Banner Tape
- Masking Tape
- Powder-Coating Tape

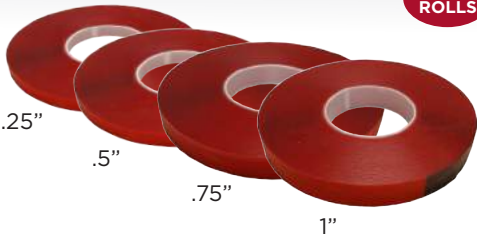
Order online at www.chemical-concepts.com or call 1.800.220.1966



High Bond Tapes

Chem-Set™ Solutions for the Signage Industry

72 YD ROLLS

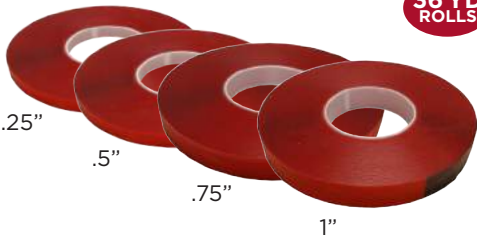


Chem-Set™ VST 3025 10 mil (.010") **CLEAR**
DC Acrylic Foam Poly Paper Liner.

- High tensile strength
- Moisture and solvent resistant
- Exceptional dynamic shear properties in hot and cold temps

COMPARE TO: 3M VHD 4905 and 4910

36 YD ROLLS

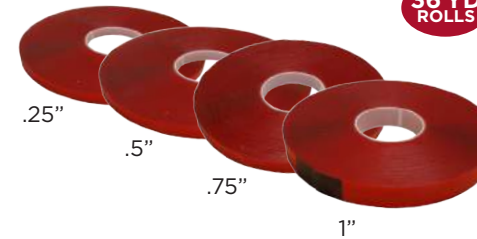


Chem-Set™ VST 3050 20 mil (.020") **CLEAR**
DC Acrylic Foam Poly Paper Liner.

- High tensile strength
- Moisture and solvent resistant
- Exceptional dynamic shear properties in hot and cold temps

COMPARE TO: 3M VHD 4905 and 4910

36 YD ROLLS

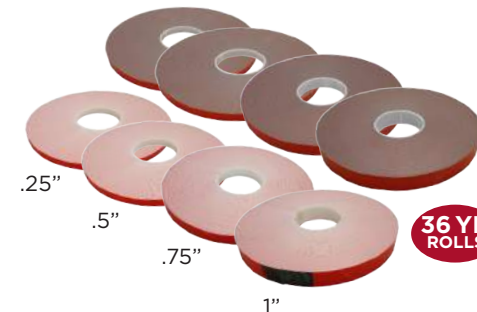


Chem-Set™ VST 6100 40 mil (.040") **CLEAR**
Transparent tape with an acrylic core.

- High tensile strength
- Moisture and solvent resistant
- Exceptional dynamic shear properties in hot and cold temps

COMPARE TO: 3M VHD 4905 and 4910

36 YD ROLLS



Chem-Set™ VST 6120 47 mil (.047) **GRAY or WHITE**
DC Acrylic Foam Poly Paper Liner.

- High tensile strength
- Moisture and solvent resistant
- Exceptional dynamic shear properties in hot and cold temps

See our complete line of Tapes @ chemical-concepts.com



High Bond Tapes

Solutions for the Signage Industry

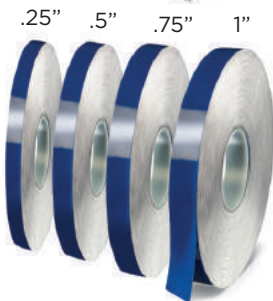
Optically Clear Bonding



11 YD ROLLS

tesa® 7054 ACXplus 20 mil (.020") **CLEAR**

- Transparent acrylic core tape
- Perfect for bonding of transparent materials such as glass or acrylic
- High immediate tack and peel adhesion
- Used for: Sign manufacturing, Deco glass panels, Partition walls



11 YD ROLLS

tesa® 7055 ACXplus 40 mil (.040") **CLEAR**

- Transparent acrylic core tape
- Perfect for bonding of transparent materials such as glass or acrylic
- Characterized by its bonding power, stress dissipation and its temperature and weather resistance
- Used for: Sign manufacturing, Deco glass panels, Partition walls



11 YD ROLLS

tesa® 7063 ACXplus 32 mil (.032") **BLACK**

- Black tackified acrylic core tape
- Tackified for bonding of "hard-to-bond materials"
- Great expansion/contraction capabilities
- High immediate tack and peel adhesion
- Used for: Painted signage, low surface energy surfaces (PE, PP, PVC)



11 YD ROLLS

tesa® 7065 ACXplus 47 mil (.047") **BLACK**

- Black tackified acrylic core tape
- Tackified for bonding of "hard-to-bond materials"
- Great expansion/contraction capabilities
- High immediate tack and peel adhesion
- Used for: Painted signage, low surface energy surfaces (PE, PP, PVC)



55 YD ROLLS

tesa® 61010 8 mil (.008") **CLEAR**

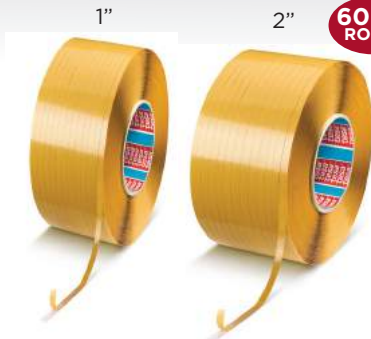
- Clear permanent mounting tape
- Used for: Interior signage

See our complete line of Tesa® Tapes @ chemical-concepts.com

General Assembly & Masking Tapes



Solutions for the Signage Industry



60 YD ROLLS

tesa® 4970 Banner Tape

8.9 mil (.0089")

- White PVC-film acrylic tape
- Excellent combination of high tack and immediate adhesion
- Great for rough surfaces
- Strong adhesive power and humidity resistance

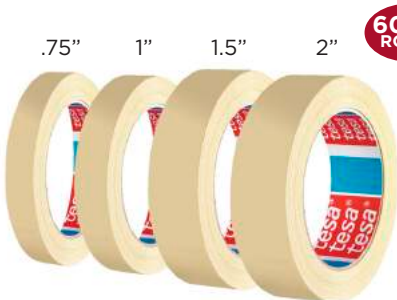


55 YD ROLLS

tesa® 4334 Precision Mask

3.5 mil (.0035")

- Yellow precision masking tape
- Suitable for precise applications
- Guarantees very sharp-edged finishing
- Suitable for delicate surfaces

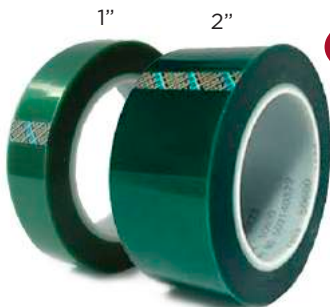


60 YD ROLLS

tesa® 53120 General Purpose Mask

5.2 mil (.0052")

- Creme creped paper masking tape
- Cost efficient
- Good for general purpose bonding, molding, sealing and surface protection
- Adheres to a variety of surfaces



72 YD ROLLS

tesa® 50600 Powder-Coating Tape

3 mil (.003")

- Distinctive green color
- Conformable to most surfaces
- Temperature resistant up to 220°C / 428°F
- Provides sharp paint edges

See our complete line of Tesa® Tapes @ chemical-concepts.com



Foam Tapes



36 YD ROLLS

Double Coated Foam Tape

1/16" Thick

- Used for mounting and joining nameplates, signs, small die cast parts, mirrors, maps, etc
- Excellent quick-stick sealing with high shear properties
- Good resistance to humidity, mild acids, oil and grease



72 YD ROLLS

Double Coated Foam Tape

1/32" Thick

- Used for mounting and joining nameplates, signs, small die cast parts, mirrors, maps, etc
- Excellent quick-stick sealing with high shear properties
- Good resistance to humidity, mild acids, oil and grease



55 YD ROLLS

tesa® 62934

Double Sided PE Foam Tape

1/32" Thick

- Versatile adhesive for high immediate adhesion
- UV, water, aging and cold shock resistant
- Specifically designed for rough surfaces and mounting of parts with gaps

See our complete line of Foam Tapes @ chemical-concepts.com



Tape Information

Panel and Letter Mounting



For mounting large sheets of common materials such as Dibond, Reynobond, PMMA¹, Aluminum ...

Recommended tesa® ACX^{plus} Tapes for Optically Clear Bonding:

tesa® 7054 ACX^{plus}, tesa® 7055 ACX^{plus}

Bonding Translucent Materials

- Acrylic core tape with very high transparency
- Available in two different thicknesses: 20mil and 40mil
- Very high initial and final bonding strength
- Compensates for thermal expansion of dissimilar materials
- Water and vapor tight, chemical resistant, and no yellowing, even after exposure to UV² light and outdoor elements
- ➔ First choice for mounting translucent materials

Recommended tesa® ACX^{plus} Tapes for Hard-to-Bond Substrates:

tesa® 7063 ACX^{plus}, tesa® 7065 ACX^{plus}

Hard-to-Bond Substrates

- Black acrylic core tape
- Bonding lower energy surfaces
- Bonding powder-coated surfaces
- Temperature and weather resistant
- Compensates for thermal expansion of dissimilar materials
- Available in two thickness: 32mil and 47mil

LED³ Mounting



For permanent bonding of LEDs to common surfaces such as Dibond, Reynobond, PMMA, Aluminum ...

Recommended tesa Tape for LED Mounting:

tesa® 62934

LED Mounting Tape

- High ultimate adhesive strength for secure bonding performance
- High-temperature resistance
- UV, water, aging, and cold shock resistant
- ➔ Specially-designed for mounting LEDs

Additional Recommended tesa Tapes for LED Mounting:

tesa® 7054 ACX^{plus}, tesa® 7055 ACX^{plus}

- Acrylic core tape with very high transparency
- Available in two different thicknesses: 20mil and 40mil
- Very high initial and final bonding strength
- Compensates for thermal expansion of dissimilar materials
- Water and vapor tight, chemical resistant, and no yellowing, even after exposure to UV light and outdoor elements
- ➔ For high-demand LED applications and enhanced security

¹ PMMA - polymethyl-methacrylate ² UV - ultraviolet ³ LED - light emitting diode



Tape Information

General Assembly



For metal and plastic parts with narrow constructive gaps

Recommended tesa Film Tapes:

tesa® 61010, tesa® 4970

Filmic Mounting Tapes

- Very good bonding performance, even on critical surfaces
- Excellent holding power at elevated temperatures
- Strong adhesion power and humidity resistance
- **tesa® 61010** when transparency is needed
- **tesa® 4970** for superior initial tack and slightly rough surfaces

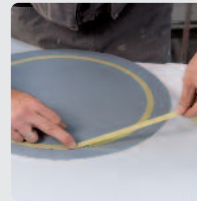
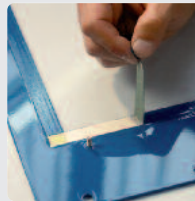
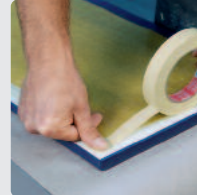
Recommended tesa Foam Tape:

tesa® 62934

Foam Mounting Tape

- Versatile adhesive for high immediate adhesion on numerous substrates
- High initial and ultimate adhesion level
- UV, water, aging, and cold shock resistant
- Specially-designed for rough surfaces and mounting of parts with gaps

Masking



tesa® 4309 High-Temperature Masking Tape

- Masking paint jobs with oven drying up to 120°C / 248°F
- Resistant to wet sanding
- Removable without leaving residues
- Specially-designed for oven drying processes and applications where a high adhesion level is needed

tesa® 53120 PV1 General-Purpose Masking Tape

- Suitable for general-purpose applications
- For bundling and protecting during production, storage, and transportation

tesa® 4334 Precision Mask

- Suitable for precise applications
- Guarantees very sharp-edged finishing
- Suitable for delicate surfaces
- Also suitable for all applications where residue-free removability, even after a long period, is needed

tesa® 4174 Fine-Line Masking Tape

- Specially-designed for two-tone applications with subsequent oven drying
- Flexible; no shrinkage
- Very good conformability to irregular shapes
- Outstanding workability in combination with its high performance, making it the first choice for all curved applications

tesa® 50600 Powder-Coating Tape

- Distinctive green color
- Conformable to most surfaces
- Temperature resistant up to 220°C / 428°F
- Provides sharp paint edges
- Also available on liner
- The solution for masking during powder coating processes



Tape Information

tesa® ACX^{plus} - Permanent, High Bond Mounting

Product	Backing	Thickness without liner [µm / mils]	Adhesive	Color	Steel		PMMA*		Aluminum		Glass	
					72 hours		72 hours		72 hours		72 hours	
					N/cm	oz/inch	N/cm	oz/inch	N/cm	oz/inch	N/cm	oz/inch
tesa® 7054	acrylic	500 / 20	pure acrylic	clear	19.0	173.6	12.0	109.6	19.0	173.6	17.0	155.3
tesa® 7055	acrylic	1000 / 40	pure acrylic	clear	24.0	219.3	17.0	155.3	24.0	219.3	24.0	219.3
tesa® 7063	acrylic	800 / 32	tackified acrylic	black	30.0	274.1	27.0	246.7	32.0	292.4	32.0	292.4
tesa® 7065	acrylic	1200 / 47	tackified acrylic	black	40.0	365.4	35.0	319.8	35.0	319.8	36.0	328.9

*polymethyl-methacrylate

Mounting

Product	Backing	Thickness without liner [µm / mils]	Adhesive	Color	Steel		PC		Aluminum		PVC	
					14 days		14 days		14 days		14 days	
					N/cm	oz/inch	N/cm	oz/inch	N/cm	oz/inch	N/cm	oz/inch
tesa® 62934	PE-foam	800 / 32	tackified acrylic	black	17.0	155.3	17.0	155.3	17.0	155.3	17.0	155.3
tesa® 61010 PV4	PET	205 / 8	tackified acrylic	clear	14.0	127.9	13.4	122.4	12.6	115.1	12.8	116.9
tesa® 4970	PVC	240 / 9.5	tackified acrylic	white	14.8	135.2	13.8	135.2	12.4	113.3	13.5	123.3
tesa® 4985	n/a	50 / 2	tackified acrylic	clear	11.1	101.4	9.7	88.6	10.0	91.4	9.4	85.9
tesa® 4985 PV9	n/a	50 / 2	tackified acrylic	clear	11.1	101.4	9.7	88.6	10.0	91.4	9.4	85.9
tesa® 6013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Masking

Product	Backing	Thickness [µm / mils]	Adhesive	Color	Adhesion to Steel		Tensile Strength		Temperature Resistance [1 hour]
					N/cm	lbs/inch	N/cm	lbs/inch	
tesa® 53120 PV1	creped paper	132 / 5.2	natural rubber	cream	3.4	31.1	36.8	21.0	50°C / 122°F
tesa® 4334	flat paper	90 / 3.5	acrylic	yellow	1.9	17.4	25.0	14.3	60°C / 140°F
tesa® 4309	creped paper	170 / 6.7	natural rubber	brown	3.5	32.0	47.0	26.8	120°C / 248°F
tesa® 4174	PVC	110 / 4.3	natural rubber	olive	3.4	31.1	25.0	14.3	150°C / 302°F
tesa® 50600	PET	80 / 3.2	silicone	green	4.0	36.5	>40.0	>23.0	220°C / 428°F
tesa® 4848 PV1	PE	48 / 1.9	acrylic	clear	0.8	7.3	12.0	6.9	60°C / 140°F

tesa products prove their impressive quality day in day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless, tesa tape, inc. can make no warranties, expressed or implied, including, but not limited to any implied warranty or merchantability or fitness for a particular purpose. The user, therefore, is responsible for determining whether the tesa product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.