



**HIRAWAT
CORPORATION**

MANUFACTURERS OF SPECIALITY ADHESIVE TAPES



**ADHESIVE
TAPES**

HUNGA[®]

www.hirawatgroup.com

ABOUT US:

Hirawat Corporation was established in the year 1998 by our visionary leader Mr. Kamal Hirawat. Initially, our journey began as a trading company where we traded quality industrial adhesive tapes. With the need of the hour, we moved on to establishing a converting unit in 2007 to address the requirement of customized tapes of our customers.

Today, the company has a product range of over 40+ tapes that caters to a wide range of industries including automotive, construction, HVAC, electronics, electricals, printing and packaging etc. With time and experience, we keep adding new products to our existing product line. We have installed high speed automatic rewinders, fully automatic slitting machines with the capacity to slit narrow widths, manual slitting facilities as well as fully automatic BOPP slitting machines. We follow a customer centric approach and we keep QC as our topmost priority.

Additionally, in contribution to our vision of 'MAKE IN INDIA' and 'ATMA NIRBHAR BHARAT', we are also coming up with a new manufacturing unit near Bangalore where we aim to manufacture speciality adhesive tapes end to end with backward integration right from coating up till end product of tape rolls.

With this, we would like you to be a stakeholder of our company as we achieve new targets and touch new heights.



HUNGA® Floor Marking Tape



HUNGA® Floor Marking Tape is a premium lane marking tape that exhibits excellent adhesion, higher durability and provides the flexibility to make changes in the factory layouts much faster than normal paint jobs. Beyond being easy to apply, **HUNGA®** Floor Marking Tapes are tough, durable and withstand heavy forklift movements without lifting-up or curling-up and leave no residue at removal.

We offer a range of 11 colours to suit various colour coding needs.

Product Code	Adhesive	Total Thickness (µm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)
HUNGA® FM	Natural Rubber	150 ± 10	≥10	≥3	≥42	≥140



HUNGA® Anti-Slip Tape



HUNGA® Anti-Slip Tape is designed for extreme high movement areas with extra-large abrasive particles that help to provide a stable slip-resistant surface even in the presence of water or oil. Used in construction vehicles, ship and plane decks, oily wet platforms and ramps, bathrooms, swimming pools and other uses.

We offer a range of colours with attractive packaging.

Product Code	Total Thickness (µm)	Tensile Strength (N/inch)	Peel Adhesion (N/inch)	Initial Tack (#)	High Temperature Resistance (°C)
HUNGA® AST	800 ± 10	≥120	≥10	≥13	50



Retro Reflective Tape



This tape is manufactured with precision technology using glass beads of high reflecting rate embedded in reflective sheeting. It has a strong and shiny Honey-Comb surface and is widely used in the signage and safety industries for advertisements, road signs, vehicle graphics and safety signs.

Product Code	Total Thickness (µm)	Adhesive	Backing	Working Temperature (°C)	Durability
REFL	450	PSA	PMMA/PC/ PET	- 20 to 80	1-3 Years

Surface Protection Tape



The Surface Protection Tape is made with LDPE film and is available in Transparent, Black & White, Transparent Blue or can be customized with any other colour or printing design as per the requirement of the customers. It displays excellent protection against transit damages and scratches. Available in different finishes like glossy, matt or hi-matt for various surfaces like powder coated and anodized aluminium channels, stainless steel sheets, glass, floor, colour- coated sheets etc.

Product Code	Total Thickness (µm)	Adhesive	Backing	Colour
HC-SPT/TRN	35-40	Acrylic Emulsion	LDPE	Transparent
HC-SPT/MW	35-40	Acrylic Emulsion	LDPE	Milky White
HC-SPT/BLU	35-40	Acrylic Emulsion	LDPE	Transparent Blue
HC-SPT/BW40	40	Acrylic Emulsion	LDPE	Black & White
HC-SPT/BW70	70	Acrylic Emulsion	LDPE	Black & White

HDPE Tape



HDPE Tape is made by coating aggressive adhesive to HDPE/PP Woven Fabric with paper liner on one side. It is used in FIBC bag jointing and sealing bags with HDPE base, tarpaulin repairing, heavy duty packaging, container moisture sealing, splicing, bundling and strapping applications. Can be customized in various colours like black, white, blue, green, orange etc.

Product Code	Total Thickness (µm)	Adhesive	Backing	Peel Adhesion (N/inch)	Tensile Strength (N/inch)
HC-HDPE	150	Hot-Melt	Woven HDPE/PP	≥25	≥200

Cross-Filament Tape



Cross-Filament tape is a strong and long-lasting tape with a reinforced cross-weave fiber specially designed for applications requiring a high breaking strength, making it extremely strong when used for heavy packaging where it can replace Metal and PP strapping to a great advantage.

It is widely used for sealing of metal coils, metal pipe bundling, strapping, and palletizing or packing heavy weight carton boxes.

Product Code	Adhesive	Total Thickness (µm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at break (%)
HC-CF170	Synthetic Rubber	170 ± 5	≥12	≥20	≥400	≥12
HC-CF150	Synthetic Rubber	150 ± 5	≥10	≥18	≥400	≥12

HUNGA® Masking Tape



HUNGA® Masking Tape is made with crepe paper as the backing film coated with Natural Rubber adhesive that adheres to most surfaces like wood, metal, glass, plastic and printed surfaces and leaves no residue at peel-off. Mainly used in paint masking, carpentry, furniture making, labeling, bundling and light eco-friendly packaging.

Product Code	Adhesive	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)
HUNGA®M130	Natural Rubber	130 \pm 5	\geq 5	\geq 6	\geq 60	6
HUNGA®M160	Natural Rubber	160 \pm 5	\geq 6	\geq 7	\geq 65	6

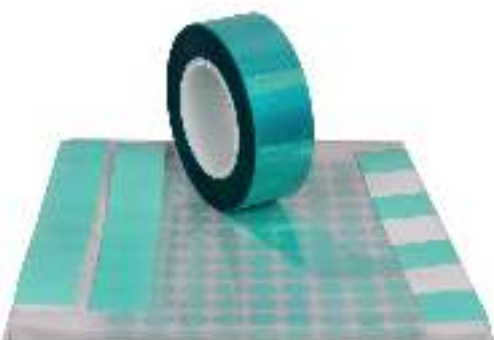
High Temperature Green Masking Tape



Based on premium grade Polyester Film and coated with dark green colour silicone adhesive, this tape is used in a large variety of high temperature applications like Powder-Coating Masking, flash breakers in aerospace industry, high temperature photo splicing applications and splicing of silicone treated paper rolls. It is resistant to various acids and chemicals even at the temperature up to 220 degree Celsius.

Product Code	Adhesive	Total Thickness (μm)	Film Thickness (μm)	Temperature Resistance ($^{\circ}\text{C}$)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)	Breakdown Voltage (KV)
HC-GP2MIL	Silicone	80 \pm 5	50	220	\geq 9	\geq 115	\geq 50	\geq 1
HC-SGP2MIL	Silicone	80 \pm 5	60	220	\geq 8	\geq 115	\geq 50	\geq 1
HC-GP1MIL	Silicone	60 \pm 5	25	180	\geq 7	\geq 115	\geq 50	\geq 1

Green Masking Tape with Liner



Green Polyester Tape is laminated with 75-80 micron fluoro-silicone release film or Honey-Comb liner. Ideal for making die-cuts and is mostly used in masking applications in most of the powder coating, anodizing and electroplating processes. It withstands temperatures ranging between 180 $^{\circ}\text{C}$ - 220 $^{\circ}\text{C}$ and removes cleanly from the surface leaving no residue behind. We also provide Die-Cut solutions in customized sizes.

Product Code	Release Liner	Adhesive	Total Thickness (μm)	Film Thickness (μm)	Temperature Resistance ($^{\circ}\text{C}$)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)	Breakdown Voltage (KV)
HC-GPFSL	Fluro Silicone Liner	Silicone	80 \pm 5	50	220	\geq 9	\geq 115	\geq 50	\geq 1
HC-GPHCL	Honey Comb Liner	Silicone	80 \pm 5	50	220	\geq 9	\geq 115	\geq 50	\geq 1

Polyimide Tape



This tape is made with Polyimide Film incorporated with a high performance silicone adhesive that meets Class-H requirements. It is used in numerous temperature masking and sublimation applications. It is ideal for usage in wave soldering and insulation of circuit boards. It has a wide operating temperature range up to 400 degree Celsius. Available in customizable widths and Die-Cuts.

Product Code	Adhesive	Total Thickness	Temperature Resistance	Peel Adhesion	Tensile Strength	Elongation at Break	Voltage Resistance
		(µm)	(°C)	(N/inch)	(N/inch)	(%)	(KV)
HC-K50	Silicone	50 ± 5	≥260	≥5	≥115	≥50	≥4
HC-K65	Silicone	65 ± 5	≥260	≥7	≥120	≥50	≥4
HC-K80	Silicone	80 ± 5	≥300	≥5	≥115	≥55	≥5

ESD Grid Tape



Conductive Grid Tapes are three layered tapes that have a conductive grid buried between two static dissipating co-polymer substrates. They provide an anti-static non-sparking surface on both sides. Used in packaging of products those are static sensitive and require EMI Shielding in Aerospace assembly, Masking Circuit Boards and Coils, Wafer Dicing and Die Cutting, Optic Cables and Solar Panels.

Product Code	Base Material	Adhesive	Total Thickness	Dynamic Voltage	Static Voltage	Initial Tack	Peel Adhesion	Temperature Resistance	Surface Resistance
			(µm)	(V)	(V)	(#)	(N/inch)	(°C)	(Ω)
HC-GRID	Low-Residue Poly-Propylene	Acrylic	60 ± 2	30	20	≥13	≥5	80	10 [^] 7

Conductive Copper Tape



The Copper Foil Tape is conductive in nature and is ideal for grounding applications and electronic shielding. The aggressive conductive adhesive technology creates a superior bond and conductivity making it a perfect product to be used in RFI/EMI shielding in electrical and electronic industries.

Product Code	Adhesive	Total Thickness	Roll-Ball Tack	Peel Adhesion	Tensile Strength	Temperature Resistance
		(µm)	(cm)	(Kg/inch)	(Kg/inch)	(°C)
HC-CFT60	Conductive Acrylic	60 ± 5	≤9	0.5 – 1	24	10 to 90
HC-CFT80	Conductive Acrylic	80 ± 5	≤8	0.5 - 1	24	10 to 90

Coloured Polyester Tape



Made with Solvent acrylic adhesive, Polyester insulation tapes display excellent resistance to temperature, voltage, solvents and weather. This tape is suitable for fastening and insulating high/low voltage transformers, power supply units, electronic motors and coils.

Product Code	Adhesive	Film Thickness (µm)	Total Thickness (µm)	Temperature Resistance (°C)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)
HC-CPT	Solvent Acrylic	25	50 ± 5	180	≥7	≥115	≥55

Acetate Cloth Electrical Tape



Acetate Cloth Electrical Tape is highly conformable and used in coil wrapping applications. It withstands temperature up to 120°C. The Acetate cloth backing offers excellent absorption of varnishes and resins. Widely used in electrical insulation and wire-harnessing applications.

Product Code	Adhesive	Cloth Thickness (µm)	Adhesive Thickness (µm)	Total Thickness (µm)	Voltage Resistance (KV)	Adhesion to Steel (kg/inch)	Temperature Resistance (°C)
HC-ACT	Acrylic	170 ± 5	40 ± 5	210 ± 5	3	0.9	-10 to 120

Fiberglass Cloth Tape



Fiberglass Cloth Tape is a high temperature resistant single sided pressure sensitive adhesive tape coated with silicone adhesive on Fiberglass Cloth substrate. This product is suitable for insulating a series of applications in the Electronic and Electrical industries. It is mainly used in Class-H motor, appliance and transformer wrapping applications.

Product Code	Insulation Class	Adhesive	Total Thickness (µm)	Breakthrough Voltage (KV)	Adhesion to Steel (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)	Temperature Resistance (°C)
HC-FGCT	Class-H	Silicone	180 ± 5	≥2.5	≥6-8	≥250	≥3	200

Duct Tape



Duct Tape is designed for industrial, automobile, refrigeration, ducting, bundling, heavy-duty packaging and a variety of other applications. It possesses outstanding tack and holding power. It is also used in pipe-wrapping, carpet edge sealing, ground-marking and DIY purposes.

Product Code	Colour	Adhesive	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at break (%)
HC-GD170	Grey	Synthetic Rubber	170 ± 10	≥ 18	≥ 16.5	≥ 80	≥ 10
HC-BD170	Black	Synthetic Rubber	170 ± 10	≥ 18	≥ 16.5	≥ 80	≥ 10

Aluminium Foil Tape



Aluminium Foil Tapes are conformable, conductors and heat-reflective in nature and can be used for Hot/Cold Temperature applications, Ducting and EMI/RFI Shielding applications.

Suitable for HVAC industries, pipe joint sealing and shielding of electric and electronic cables.

Product Code	Adhesive	Foil Thickness (μm)	Total Thickness (μm)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)
HC-AFTH	Hot-Melt	25	50 ± 5	≥ 16	≥ 25
HC-AFTS	Solvent Acrylic	30	55 ± 5	≥ 10	≥ 35

FSK Aluminium Tape



It is made by sandwiching Foil-Scrim-Kraft or Foil-Scrim-LDPE and evenly coating adhesive on one side.

Mainly used for wrapping thermal insulation materials, joining foil faced insulation panels and pipe sections, rock wool and outer layer of ultra-fine glass wool. Also used in joining fiber insulation between the internal skin and fuselage of aircrafts in the aerospace industry.

Product Code	Base Material	Adhesive	Total Thickness (μm)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)
HC-FSK	Foil – Scrim – Kraft	Hot-Melt	135 ± 10	≥ 20	≥ 70

Double Side Red Polyester Tape



Red Polyester Tape is a double sided adhesive tape with a Red Colour Liner which is highly suitable for mounting of decorative profiles, wide width lamination and signage fixing. The Red-Polyester tape has excellent resistance to temperature and solvents, has good sheer strength and holding power even at higher temperatures. It is the most preferred tape for Flex Media Joint, Foam Board Fixing, Glass & Acrylic Sheet Jointing and LED Mounting.

Product Code	Adhesive	Backing	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)
HC-RP165	Solvent Acrylic	PET	165 \pm 5	≥ 4	≥ 12	≥ 75
HC-RP205	Solvent Acrylic	PET	205 \pm 5	≥ 5	≥ 14	≥ 80

Double Side Tissue Tape



Double Side Tissue Tape is made by evenly coating aggressive Hot-Melt or Solvent Pressure-Sensitive adhesive on both sides of the Tissue Paper Carrier and laminated with ivory colour silicone release paper. This tape is widely used in Garments, Labels, Shoe, Leather, Paper, Luggage, White-Goods, Foams, Postal Envelopes, DIY, Advertising Boards and other industrial applications.

Product Code	Release Liner	Adhesive	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)
HC-HM60	Tissue	Hot Melt	60 \pm 5	≥ 8	≥ 12
HC-HM80	Tissue	Hot Melt	80 \pm 5	≥ 10	≥ 13

Double Side Tissue Solvent Tape



The Tissue Solvent Tape comes with a very high adhesion and holding power and is widely used in paper mills for splicing paper jumbo rolls. It has excellent anti-rebounding and anti-wrapping capabilities making it a go to product for TV, Ear-Phones, Loud Speakers, LED and Gift Box/Jewellery Box making industries.

Product Code	Release Liner	Adhesive	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)
HC-SOL70	Tissue	Solvent Acrylic	70 \pm 5	≥ 6	≥ 12
HC-SOL80	Tissue	Solvent Acrylic	80 \pm 5	≥ 6	≥ 13
HC-SOL90	Tissue	Solvent Acrylic	90 \pm 5	≥ 7	≥ 13

Acrylic Foam Tape



High Bond HHB Acrylic Foam Tape is made with Acrylic Adhesive Technology having very high initial tack and permanent bonding characteristics. Due to its high viscosity, this tape bonds to a variety of substrates like metals, glass, plastics and rubber providing high holding strength and long-term durability. Mainly used in Glazing, Glass Sandwiching, GI Panel fixing, Emblem Mounting etc.

Product Code	Colour	Adhesive	Release Liner	Total Thickness	Peel Adhesion
				(mm)	(N/inch)
HC-GR1	GREY	Acrylic	Red PE Liner	1 ± 10%	≥27
HC-GR2	GREY	Acrylic	Red PE Liner	2 ± 10%	≥28
HC-CL1	CLEAR	Acrylic	Red PE Liner	1 ± 10%	≥27
HC-CL2	CLEAR	Acrylic	Red PE Liner	2 ± 10%	≥28
HC-BLK1	BLACK	Acrylic	Red PE Liner	1 ± 10%	≥27

Double Side Cloth Tape



This tape is made by coating Natural Rubber Adhesive to cotton fabric and laminated with Havana or Polyester release liner. It has good masking properties with high holding power and is mainly used for stereo mounting of flexo plates, joining dissimilar surfaces and sticking carpets firmly to the floor.

Product Code	Adhesive	Total Thickness	Initial Tack	Peel Adhesion	Tensile Strength	Elongation
		(μm)	(#)	(N/inch)	(N/inch)	(%)
HC-DSCT	Natural Rubber	325 ± 10	≥10	≥10	≥245	≤15

Double Side Foam Tape



Double Side Foam Tapes are made with different backing materials like EVA & PE foams coated with Hot-Melt or Solvent adhesives depending upon the kind of applications. They have wide applications in stationery, automotive, posters and advertising sign board industries.

Customizable to various sizes and die-cuts.

Product Code	Construction	Release Liner	Adhesive	Total Thickness	Initial Tack	Peel Adhesion
				(mm)		(N/inch)
HC-DSF2	White EVA Foam	Yellow Liner	Synthetic Rubber	2 ± 10%	≥10	≥18

BOPP Tape



BOPP tape is a Bi-axially Oriented Poly-Propylene Film coated with acrylic adhesive. It is available in different microns of coating thickness and in Brown, Transparent and other colours. It is widely used in carton box sealing, stationery and DIY purposes. Customized logo and design printing is possible in single and multiple colours.

Product Code	Colour	Total Thickness (µm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)
HC-BRN42	Brown	42 ± 2	≥13	≥4.6	≥76	≥100
HC-TRN42	Transparent	42 ± 2	≥13	≥4.6	≥76	≥100

Water-Activated Reinforced Tape



This is a cross-ply fabric reinforced with kraft paper and coated with water-activated adhesive. It exhibits excellent adhesion and hence used for heavy-duty carton packing for export shipments. These tapes can be offered with customized printing options.

Product Code	Adhesive	Total Thickness (µm)	Tensile Strength (N/inch)	Writeable	Printable	Colour
HC-WART	Starch Glue	150 ± 5	≥190	YES	YES	Brown

Kraft Paper Tape



This tape is made by coating Kraft Paper with natural rubber adhesive that gives high adhesion and shear properties thus being highly useful in packaging purposes. It has good resistance to moisture and water and made with 100 % bio-degradable ingredients.

Product	Adhesive	Total Thickness (µm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Writeable	Printable	Colour
HC-KP	Natural Rubber	150 ± 10	≥10	≥11	≥60	NO	NO	Brown
HC-KPBD	Natural Rubber	150 ± 10	≥10	≥11	≥60	YES	YES	Brown

Dry Wall Mesh Tape



The Dry Wall Mesh Tape is thin and light weighed, but extremely strong and easy to use and largely increases joint strength and durability for less cracking. The texture in the tape allows compound penetration to strengthen the bond of the joints. It is fast and permits same day joint finishing when used with a hard compound.

Product Code	Yarn (Tex)		Weight	Density Count/25mm		Tensile Strength		Resin Content
	(warp)	(weft)	(g/m2)	(warp)	(weft)	(warp)	(weft)	(%)
HC-DWT	33 X 2	66	60	9	9	250	250	12

Nano Tape



Made with Nano Silica Gel Technology, the Nano Tape is widely used for mounting various objects instead of using nails or adhesive thus solving everyday problems without welding or drilling the surface. It also removes cleanly leaving behind no residue and is also reusable. The tape has multiple uses in the kitchen, washroom or organizing the work desks and DIY purposes

Product Code	Colour	Adhesive	Release Liner	Total Thickness	Peel Adhesion
				(mm)	(N/inch)
HC-Nano1	CLEAR	Acrylic	Clear PE Liner	1 ± 10%	≥27
HC-Nano2	CLEAR	Acrylic	Clear PE Liner	2 ± 10%	≥27

Water Proofing Butyl Tape



Also known as Roof Repair Tape, this tape features outstanding adhesion to rough surfaces, water-proof sealing and long-term durability. Used for roof flashing, underground water-proofing, sealing holes and cracks in the sheets thereby making them water-proof.

Product Code	Total Thickness	Aluminium Foil Thickness	Peel Adhesion	High Temperature Resistance	Low Temperature Resistance
	(mm)	(mm)	(N/inch)	(°C)	(°C)
HC-RRT	1 ± 0.2	0.07	≥35	80 (No Flow, no crack, no deformation)	-40 (No Crack)

Cotton Cloth Tape



Cotton Cloth tape is made by coating pressure sensitive adhesive on cotton fabric. It is widely used for heavy-duty packaging, cable bundling, sandblasting and various other industrial processes. The tape is available in Black and White colours.

Product Code	Adhesive	Total Thickness (μm)	Initial Tack (#)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation (%)
HC-SSCT	Synthetic Rubber	280 ± 5	≥ 12	≥ 10	≥ 130	9

Nylon Cloth Tape



Nylon Cloth tape is made by coating Natural or Synthetic Rubber Adhesive to Nylon Cloth of either Black or White colours. It ensures protection from fungal infections and is mainly used in the leather and shoe making industries to reinforce shoe-uppers.

Product Code	Adhesive	Total Thickness (μm)	Temperature Resistance ($^{\circ}\text{C}$)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)
HC-NCT1	Synthetic Rubber	100 ± 5	60	≥ 8	≥ 30	70
HC-NCT2	Natural Rubber	100 ± 5	130	≥ 8.5	≥ 30	70

PTFE Teflon Cloth Tape



PTFE Teflon Cloth tape is a high temperature resistant single sided pressure sensitive adhesive tape with Teflon Cloth as the base material and coated with silicone series adhesive. This product is suitable for insulating or masking series applications in electronic and electrical industries.

Product Code	Adhesive	Total Thickness (μm)	Peel Adhesion (N/inch)	Tensile Strength (N/inch)	Elongation at Break (%)	Temperature Resistance ($^{\circ}\text{C}$)	Breakthrough Voltage (KV)
HC-PTFE	Silicone	130 ± 5	≥ 8	≥ 80	≥ 60	250	≥ 5

OTHER PRODUCTS

Single Side Gasket Foam Tape



Battery Termination Tape



PE Foam Tape



DS Polyimide Tape



ESD Polyimide Tape



ESD Floor Marking Tape



Electronic Spacer Tape



Self Fusing Rubber Tape



Non Adhesive PVC Tape







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ITMC WONDER

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