

Product Name:	48mm Waterproof PVC Duct Tape	Product Code:	KRY-PVC-4813
Carrier/Backing:	Soft Plastic PVC (Polyvinyl Chloride)	Adhesive Type:	Pressure Sensitive Rubber Adhesive
Color Options:	Black, White, Silver, Grey, Blue, Green, Yellow	Place of Origin:	Dongguan, China
Adhesive Side:	Single Sided	Date of Issue:	July 2026

1. PRODUCT DESCRIPTION & APPLICATIONS

KRYTAPE® PVC Duct Tape is manufactured by Krytape in Dongguan, China, using premium shiny soft polyvinyl chloride (PVC) film combined with high-tack pressure-sensitive rubber adhesive. Specially engineered for heavy-duty soft plastic pipe wrapping, HVAC duct sealing, air conditioner insulation, cable bundling, and moisture-proof industrial repairs. It offers 100% waterproof performance, superior weatherability, high tensile strength, and excellent electrical voltage insulation up to 600V (6.5-8.0KV rated voltage).

2. TECHNICAL PERFORMANCE SPECIFICATIONS

Property Parameter	Standard Value (Metric)	Standard Value (Imperial)	Test Method
Total Thickness	0.13 mm – 0.20 mm (0.11-0.40mm customizable)	5.1 – 7.8 mils	ASTM D3652 / GB/T 7125
180° Peel Adhesion (to Steel)	≥ 1.6 N / cm (16 N / 100mm)	14.6 oz / in	ASTM D3330 / GB/T 2792
Tensile Strength	16 – 28 N / cm	9.1 – 16.0 lbs / in	ASTM D3759 / GB/T 7753
Elongation at Break	160 % – 200 %	160 % – 200 %	ASTM D3759
Dielectric Breakdown Voltage	6.5 – 8.0 KV (600V Rated)	6.5 – 8.0 KV	ASTM D1000 / IEC 60454
Temperature Resistance	-20°C to +80°C	-4°F to +176°F	Internal Thermal Test
Water Resistance Rating	100% Waterproof / Moisture Proof	100% Waterproof	ASTM E96
Film Surface Finish	Glossy / Shiny or Matte	Glossy / Shiny or Matte	Visual / Optical Measurement

3. KEY FEATURES & BENEFITS

- **Heavy-Duty Pipe Wrapping:** Soft PVC film conforms tightly around irregular joints, soft plastic pipes, and HVAC ducts.
- **100% Waterproof Seal:** Rubber adhesive creates a permanent barrier against moisture, water leaks, and outdoor weather.
- **High Elongation & Flexibility:** 160%-200% stretchability allows tight wrapping without easy tearing or edge lifting.

4. STORAGE & SHELF LIFE

- **Storage Conditions:** Store in original cartons in a clean, dry indoor environment away from direct heat and UV radiation.
- **Recommended Temp/Humidity:** 15°C – 25°C (59°F – 77°F) at 40% – 60% Relative Humidity.
- **Shelf Life:** 18 Months from the date of manufacture when stored in sealed original packaging.
- **OEM Customization:** Free paper core branding, custom

- Voltage & Flame Resistance:** Insulation rating up to 600V (6.5-8.0KV breakdown) for secure industrial cable bundling.
- paper labels, shrink tower wrapping, and carton design.

5. STANDARD PACKAGING & ROLL STANDARD

Width Options	Standard Length	Core Diameter (ID)	Packaging Type
48mm (25mm–100mm Customizable)	15m – 30m Rolls (Custom Lengths)	32-38mm, 38-44mm, 50-56mm Core Options	Shrink Film Wrapped + OEM Brand Core/Carton

Disclaimer: The technical data provided above represents average values obtained from standardized testing procedures and are intended as a guide only. Customers are advised to test the suitability of the product for their specific application prior to bulk commercial use. KRYTAPE® guarantees product consistency under quality management standards ISO 9001. Manufactured in Dongguan, China.