



# 3 Vinyl Duct Tape 3903

## Technical Data

September, 2003

**Product Description** 3M™ Vinyl Duct Tape 3903 is a general purpose duct tape made from a hand tearable embossed vinyl backing coated with a rubber adhesive.

Product Construction	Backing	Adhesive	Colors	Standard Roll Length
	Vinyl	Rubber	Green, Black, Blue, Red, Yellow, White, Grey	50 yds. (45.7 m)

**Typical Physical Properties** **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

		ASTM Test Method
Adhesion to Steel:	20 oz./in. width (21 N/100 mm)	D-3330
Tensile Strength:	14 lbs./in. width (245 N/100 mm)	D-3759
Elongation at Break:	150%	D-3759
Tape Thickness:	6.3 mils (0.16 mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C)	
Outdoor Use (UV Resistance):		
Black	Up to 6 months	G90 Cycle 3
Green, red, yellow	Up to 1 month	G90 Cycle 3
Burn Characteristics:		
Flame spread index	5	E-84 (UL 723)
Smoke developed index	0	E-84 (UL 723)
Leachables:		
Halogens and sulfur	< 250 ppm	Mil std. 2041C
Mercury	< 10 ppm	Mil std. 2041C

## Features

- Less prone to leave adhesive residue on the surface than conventional cloth duct tapes. Allows for minimal clean-up.
- Even after outdoor exposure, black will hold well for up to six months as is less prone to leave adhesive residue compared to conventional duct tapes. Red, green and yellow colors can be used outdoors up to one month.
- Embossed vinyl backing is easy to tear and conforms well to irregular surfaces. Since it contains no cloth scrim, there are no exposed thread ends to wick water into adhesive layer.
- If the adhesive side of the tape comes in contact with itself, it can be pulled apart so the tape is not wasted.
- Typically used at room temperature, but will remove cleanly when applied to a painted steel surface and heated up to 250°F (121°C) for up to one hour.
- Rubber adhesive sticks well to many substrates.
- Unwinds easily off the roll.



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### Application Ideas

- Sealing and protecting surfaces and openings from dust, dirt and moisture.
- Color-coding, non-critical masking, wrapping and bundling.
- Protection from abrasion, temporary repairs and general maintenance activities.
- Applications requiring low flame spread and smoke developed indices.
- Applications requiring low leachable halogens, sulfur and mercury.

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### Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

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### Shelf Life

To obtain best performance, use this product within 12 months from date of manufacture.