



Home

3M™ Vinyl Tape 471 is part of a larger family



Surface Protection

(More durable, higher tensile strength, abrasion resistance, clean removal)

471, 477



Extreme durability

(Red, blue, green, orange, yellow, white)

971

Lead Product Lane/Floor Marking & Color Coding



3M 471 Vinyl tape

- Color Black, blue, brown, green, orange, purple, red, transparent, white, yellow
 - Adhesive Rubber
 - Adhesion to steel 28 N/ 100mm
 - Tensile strength 270 N/ 100mm
 - Elongation 150%
 - Thickness 0.13mm
 - Temperature 40F to 170F (4C to 77C)
- Lined Version 4712**



Chemical Masking

(Electroplating & Anodizing)

470, 484, 4731

Non-Critical Marking

(Economic choice; Black, blue, brown, green, grey, orange, purple, red, transparent, white, yellow)

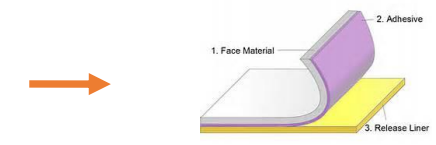
764



Safety Stripe

(Black/Yellow, Red/White, Black/White, Black/Yellow)

766, 767, 5700, 5702



Lined

470L, 484L, 4712



High Temperature Paint Masking

(Superior conformability, sharp paint lines, clean removal, Service temperature up to 250F, Adhesion to steel 38.3N/100mm)

471+







Black = Premium
Green = General Purpose

Fine tuning: Choosing among Vinyl solutions

TDS data as of August 9, 2016

Lead Product

★ Meets many industry and customer specifications

	Product	Construction	Color	Data Sheet	Why choose vs other products in the family?	Properties					
						Tape thickness (mm)	Adhesion to steel (N / 100mm)	Tensile strength (N / 100mm)	Liner	Elongation at break (%)	Temperature range (°C)
Premium Performance (Critical Applications)	471 ★	Vinyl/ rubber	Various		Superior conformability, clean removal, exceptional wear for safety marking, sharp paint lines, many vibrant colors available	0.13	28	270		150%	4C - 77C
	4712 ★	Vinyl/ rubber	Various		Lined version of 471	0.13	25	270	Paper	150%	4C - 77C
	5700	Vinyl/ rubber	Black/ White		Black/white safety striped version of 471	0.14	21	260		170%	4C - 77C
	5702	Vinyl/ rubber	Black/Yellow		Black/yellow safety striped version of 471	0.14	21	260		170%	4C - 77C
	471+	Vinyl/ rubber	Indigo		Superior conformability, sharp paint lines, clean removal, temperature up to 250F	0.13	38	243		191%	Up to 121C
	472	Vinyl/ rubber	Black		Long term surface protection, including outdoor applications, abrasion & high temperature resistance	0.26	25	560		270%	Up to 107C
	477	Vinyl/ rubber	Transparent		Abrasion resistance, Thicker version of 471 transparent	0.18	26	420		230%	4C - 77C
	971	PLA/rubber	Various		Ultra durability, For heavy traffic areas, resists scuffing from pallets & heavy equipment	0.8	186	1,950	PET	190%	4C - 49C
General Purpose (Non-Critical Applications)	764	Vinyl/ rubber	Various		Good wear, many colors available	0.13	21	228		180%	15C - 27C
	766	Vinyl/ rubber	Black/Yellow		Black/yellow striped version to 764	0.13	21	228		180%	15C - 27C
	767	Vinyl/ rubber	Red/White		Red/white striped version of 764	0.13	21	228		180%	15C - 27C
Electroplating & Anodizing	470	Vinyl/ rubber	Tan		Electroplating & Anodizing	0.18	40	350		180%	Up to 77C
	470L	Vinyl/ rubber	Tan	-	Lined version of 470	0.18	40	350	Paper	180%	Up to 77C
	4731	Vinyl/ rubber	Various		Electroplating, many colors available	0.18	22	300		230%	4C - 77C
	484	Vinyl/ rubber	Tan		Lower adhesion than 470 tape	0.17	24	402		220%	Up to 77C
	484L	Vinyl/ rubber	Tan		Lined version of 484	0.17	24	402	Paper	220% 2	Up to 77C