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

Lead Product
Lane/Floor Marking & Color Coding

- Color: Black, blue, brown, green, grey, 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)
- Liner Version: 4712

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

471, 477

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

471+

Chemical Masking
( Electroplating & Anodizing)
470, 484, 4731

Neutral Marking
More durable, higher tensile strength, abrasion resistance, clean removal
471, 477

Safety Stripe
(Black/Yellow, Red/White, Black/White, Black/Yellow)
766, 767, 5700, 5702

Non-Critical Marking
(Economic choice; Black, blue, brown, green, grey, orange, purple, red, transparent, white, yellow)
764

Extreme durability
(Black, blue, green, orange, yellow, white)
971

Black = Premium
Green = General Purpose
## Fine tuning: Choosing among Vinyl solutions

**TDS data as of August 9, 2016**

### Why choose vs other products in the family?
- **Superior conformability, clean removal, exceptional wear** for safety marking, sharp paint lines, many vibrant colors available
- **Linered** version of 471
- **Black/white safety striped** version of 471
- **Black/yellow safety striped** version of 471
- **Superior conformability, sharp paint lines**, clean removal, temperature up to 250°F
- **Long term surface protection**, including outdoor applications, abrasion & high temperature resistance
- **Abrasion resistance, Thicker version of 471 transparent**
- **Ultra durability**, For heavy traffic areas, resists scuffing from pallets & heavy equipment
- **Good wear**, many colors available
- **Black/yellow striped** version to 764
- **Red/white striped** version of 764
- **Electroplating & Anodizing**
  - Linered version of 470
  - **Electroplating, many colors available**
  - **Lower adhesion** than 470 tape
  - Linered version of 484

### Properties

<table>
<thead>
<tr>
<th>Product</th>
<th>Construction</th>
<th>Color</th>
<th>Data Sheet</th>
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<tbody>
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<tr>
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### Properties Table

<table>
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<tr>
<th>Tape thickness (mm)</th>
<th>Adhesion to steel (N / 100mm)</th>
<th>Tensile strength (N / 100mm)</th>
<th>Elongation at break (%)</th>
<th>Temperature range (°C)</th>
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<tbody>
<tr>
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<td>270</td>
<td>150%</td>
<td>4C - 77C</td>
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<td>270</td>
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<td>170%</td>
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<td>228</td>
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<tr>
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<tr>
<td>0.17</td>
<td>24</td>
<td>402</td>
<td>220%</td>
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