

**3M** Science.  
Applied to Life.™

3M Industrial Adhesives and Tapes Division

# High Strength Tapes

Interactive Guide

START ▶





# Categories

Protect your products. Protect your brand. Protect your reputation. 3M delivers a diverse product portfolio and uncompromised quality to customers around the world whose brands demand strong, reliable solutions.



Markets



Products



Top Applications





# Markets

From the grocery store on the corner to the industrial park across town, our high strength tapes work hard every day.

General Industrial



Metalworking



Appliance



Oil and Gas






# General Industrial

Consider it signed, sealed and delivered when you use Scotch® High Strength Tapes. Whatever you're packaging, our portfolio has a light duty filament or reinforced strapping tape to fit your needs.

[Palletizing](#) 

[L-Clip Closing](#) 


[Heavy Duty Box Sealing](#) 



# Palletizing

Whether you're moving your pallets across the warehouse or across the country, we have a palletizing solution for you.

Recommended Product 

Sustainability 



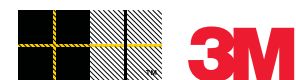
# Tartan™ Filament Tape 8934

With 100 lbs/in tensile strength and good shear strength to fiberboard, this filament tape is a popular choice for palletizing, bundling, strapping and reinforcing applications. If you're looking for a general purpose filament tape — this is the one for you.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	100 lb/in (1751 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	60 oz/in (65 N/100 mm)
<b>Total Thickness:</b>	4.0 mils

Recommended Product ▶

Sustainability ▶







# Scotch® Stretchable Tapes

Secure your pallets with Scotch® Stretchable Tapes that remove cleanly to protect packaging graphics. They stretch up to 650%, so you can reduce pallet packaging waste by up to 95%. Available in hand dispensing or automated formats. A 55-meter roll yields 357 meters of tape.



## Scotch® Stretchable Tape 8886

### *Machine Applied*

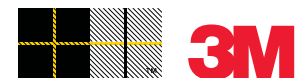
<b>Backing Material:</b>	Polyethylene
<b>Tensile Strength:</b>	28 lb/in (490 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	65 oz/in (71 N/100 mm)
<b>Elongation:</b>	720%
<b>Total Thickness:</b>	7.0 mils (0.18mm)



## Scotch® Stretchable Tape 8884

### *Hand Applied*


<b>Backing Material:</b>	Polyethylene
<b>Tensile Strength:</b>	20 lb/in (350 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	70 oz/in (77 N/100 mm)
<b>Elongation:</b>	710%
<b>Total Thickness:</b>	5.0 mils

[Recommended Product](#) ▶[Sustainability](#) ▶



# L-Clip Closing

You can rest easy knowing your packages are secure with Scotch® High Strength Tapes. Whether you're sealing a five panel or custom box for shipping, 3M has the right tape and dispensing equipment for you to save time and money.

Recommended Product 

Recycled Corrugated 

Printed Box 

Lighter Duty 

Dispensing Options 





# Scotch® Filament Tape 898

Achieve the versatility you need with our most popular L-Clip solution. It features a tensile strength of 380 lbs/in and is ideal for many corrugated box styles.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	70 oz/in (77 N/100 mm)
<b>Total Thickness:</b>	6.6 mils

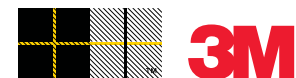
Recommended Product ▶

Recycled Corrugated ▶

Printed Box ▶

Lighter Duty ▶

Dispensing Options ▶





# Scotch® Filament Tape 8988

With 380 lbs/in tensile strength, this is the tape you want for recycled corrugated and chipboard. It's formulated with a special, softer adhesive for hard-to-stick-to surfaces.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	75 oz/in (82 N/100 mm)
<b>Total Thickness:</b>	6.9 mils

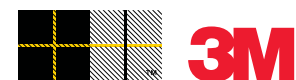
Recommended Product ▶

Recycled Corrugated ▶

Printed Box ▶

Lighter Duty ▶

Dispensing Options ▶





# Scotch® Reinforced Strapping Tape 8651

Give your printed boxes the high performance tape they deserve. This clear strapping tape is perfect for applications where bar codes or high quality graphics are used.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Polypropylene
<b>Tensile Strength:</b>	175 lb/in (3064 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	75 oz/in (82 N/100 mm)
<b>Total Thickness:</b>	5.6 mils

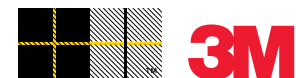
Recommended Product ▶

Recycled Corrugated ▶

Printed Box ▶

Lighter Duty ▶

Dispensing Options ▶

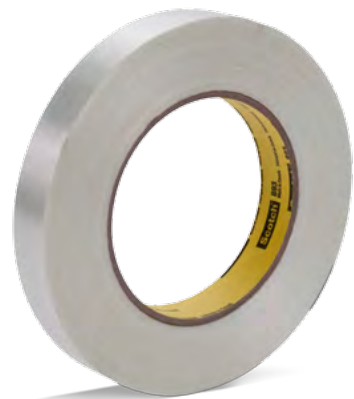






# Scotch® Filament Tapes

For an excellent balance of initial adhesion and long-term holding power, you can't beat our lighter duty filament tapes. These reinforced tapes feature an aggressive adhesive with the tensile strength you need for a variety of applications.



## Scotch® Filament Tape 893

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	300 lb/in (5254 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	55 oz/in (60 N/100 mm)
<b>Total Thickness:</b>	6.0 mils



## Scotch® Filament Tape 897\*

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	170 lb/in (2977 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	60 oz/in (65 N/100 mm)
<b>Total Thickness:</b>	6.0 mils

\*UL recognized to 969 file MH26206.

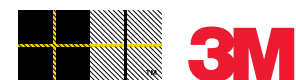
Recommended Product ▶

Recycled Corrugated ▶

Printed Box ▶

Lighter Duty ▶

Dispensing Options ▶



# Dispensing Solutions

Increase your productivity and improve your finished product with time-saving manual or semiautomatic dispensing solutions.



## Scotch® Filament Tape Hand-Held Dispenser H133

- ▶ Portable and durable
- ▶ Apply, cut and buff tape with one hand
- ▶ 3/4" (18mm) tape width capacity



## 3M-Matic™ L-Clip Applicator S867

- ▶ Semiautomatic for high throughput
- ▶ Pneumatic operation — no electric power needed
- ▶ Compatible with a wide selection of tape widths
- ▶ Applies L-clips to shipping containers

Recommended Product ▶

Recycled Corrugated ▶

Printed Box ▶

Lighter Duty ▶

Dispensing Options ▶




# Heavy Duty Box Sealing

When your applications require stronger box sealing solutions, reach for Scotch® Filament Tapes — the ones that get it done.

Recommended Product 

More Strength 

Clarity for Graphics 

Lighter Duty 





# Scotch® Bi-Directional Filament Tape 8959

When your cartons require extra cut and puncture resistance in a closure solution, choose this bi-directional glass filament tape, which is reinforced in both directions.

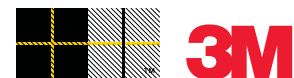
<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Bi-Directional Fiberglass
<b>Tensile Strength:</b>	150 lb/in (2627 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	100 oz/in (109 N/100 mm)
<b>Total Thickness:</b>	5.7 mils

Recommended Product ▶

More Strength ▶

Clarity for Graphics ▶

Lighter Duty ▶





# Scotch® Filament Tape 898

When you need extra strength, this filament tape has the toughness you're looking for. It's designed to provide long-lasting closures on hard-to-adhere-to surfaces.

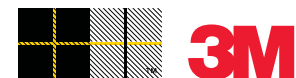
<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	70 oz/in (77 N/100 mm)
<b>Total Thickness:</b>	6.6 mils

Recommended Product ▶

More Strength ▶

Clarity for Graphics ▶

Lighter Duty ▶





# Scotch® Reinforced Strapping Tape 8651

Keep your graphics looking good with the clearest high strength tape available. Its versatile, synthetic rubber adhesive is formulated to provide adhesion to metallic and fiberboard surfaces and features shear strength for demanding applications.

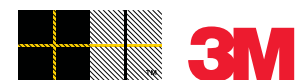
**Backing Material:** Polypropylene  
**Reinforcement:** Polypropylene  
**Tensile Strength:** 175 lb/in (3064 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 75 oz/in (82 N/100 mm)  
**Total Thickness:** 5.6 mils

Recommended Product ▶

More Strength ▶

Clarity for Graphics ▶

Lighter Duty ▶







# Scotch® Filament Tapes

For lighter duty applications, these filament tapes are the everyday tapes that you can rely on.



## Scotch® Filament Tape 893

**Backing Material:** Polypropylene  
**Reinforcement:** Fiberglass  
**Tensile Strength:** 300 lb/in (5254 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 55 oz/in (60 N/100 mm)  
**Total Thickness:** 6.0 mils



## Scotch® Filament Tape 897

**Backing Material:** Polypropylene  
**Reinforcement:** Fiberglass  
**Tensile Strength:** 170 lb/in (2977 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 50 oz/in (55 N/100 mm)  
**Total Thickness:** 5.0 mils



## Tartan™ Filament Tape 8934

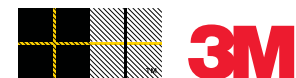
**Backing Material:** Polypropylene  
**Reinforcement:** Fiberglass  
**Tensile Strength:** 100 lb/in (1751 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 48 oz/in (53 N/100 mm)  
**Total Thickness:** 4.0 mils

Recommended Product ▶

More Strength ▶

Clarity for Graphics ▶


Lighter Duty ▶






# Appliance

Keep your appliances looking like new from your production line to your customers' homes. Secure, attach and hold moving parts confidently with Scotch® High Strength Tapes. They offer the high performance and clean removal you need.

Temporary Holding 

Basiloid Lift 



# Basiloid Lift

When you need to move appliances safely around the warehouse or during transportation, we have the filament tape for basiloid containers.

Recommended Product 



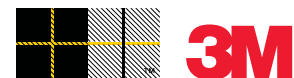


# Scotch<sup>®</sup> High Strength Filament Tape 890RCT

When you need to hold lift flaps in place on basiloid containers, this filament tape provides high tensile strength and high impact resistance.

**Backing Material:** Polyester  
**Reinforcement:** Fiberglass  
**Tensile Strength:** 680 lb/in (11909 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 80 oz/in (88 N/100 mm)  
**Total Thickness:** 8.0 mils

Recommended Product [▶](#)






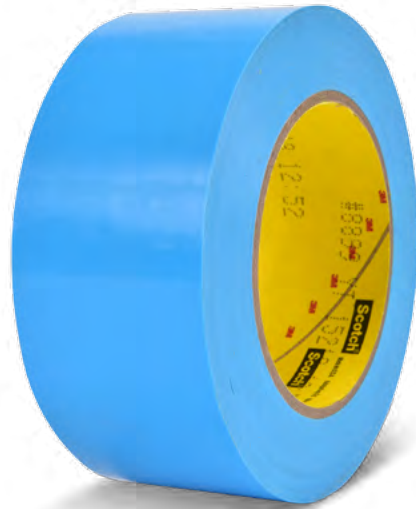
# Clean Removal Temporary Holding

Secure, attach and hold with confidence when you prepare appliances for transport. Scotch® High Strength Tapes offer the high performance and clean removal you need.

Recommended Product 

Higher Bond Resistance 

More Cut Resistance 



# Scotch® Clean Removal Strapping Tape 8899HP

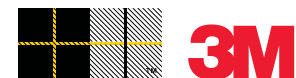
This easy-to-apply tape is designed to secure and hold appliance parts and electronic components together during manufacturing and shipping. It doesn't leave behind a sticky residue and stain or damage surfaces.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	None
<b>Tensile Strength:</b>	170 lb/in (2977 N/100 mm)
<b>Adhesive Type:</b>	Natural Rubber
<b>Adhesion Strength:</b>	55 oz/in (60 N/100 mm)
<b>Total Thickness:</b>	4.8 mils

Recommended Product ▶

Higher Bond Resistance ▶

More Cut Resistance ▶





# Scotch® Tensitized Polypropylene Strapping Tape 8898

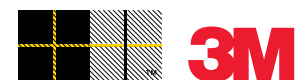
Turn to this tape for higher bond resistance on stainless steel, painted metals, plastic and glass. It features pressure sensitive adhesive formulated to provide balanced adhesion, clean removal and stain resistance.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	None
<b>Tensile Strength:</b>	160 lb/in (2802 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	75 oz/in (82 N/100 mm)
<b>Total Thickness:</b>	4.6 mils

Recommended Product ▶

Higher Bond Resistance ▶

More Cut Resistance ▶







# Scotch® Filament Tapes 8916V and 8915

Reinforced with continuous high strength glass filaments for more cut resistance, these high performance tapes are designed to hold appliance parts together during manufacturing and shipping.



## Scotch® Filament Tape 8916V

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	210 lb/in (3678 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	75 oz/in (82 N/100 mm)
<b>Total Thickness:</b>	6.8 mils



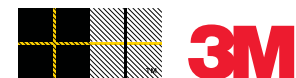
## Scotch® Filament Tape 8915

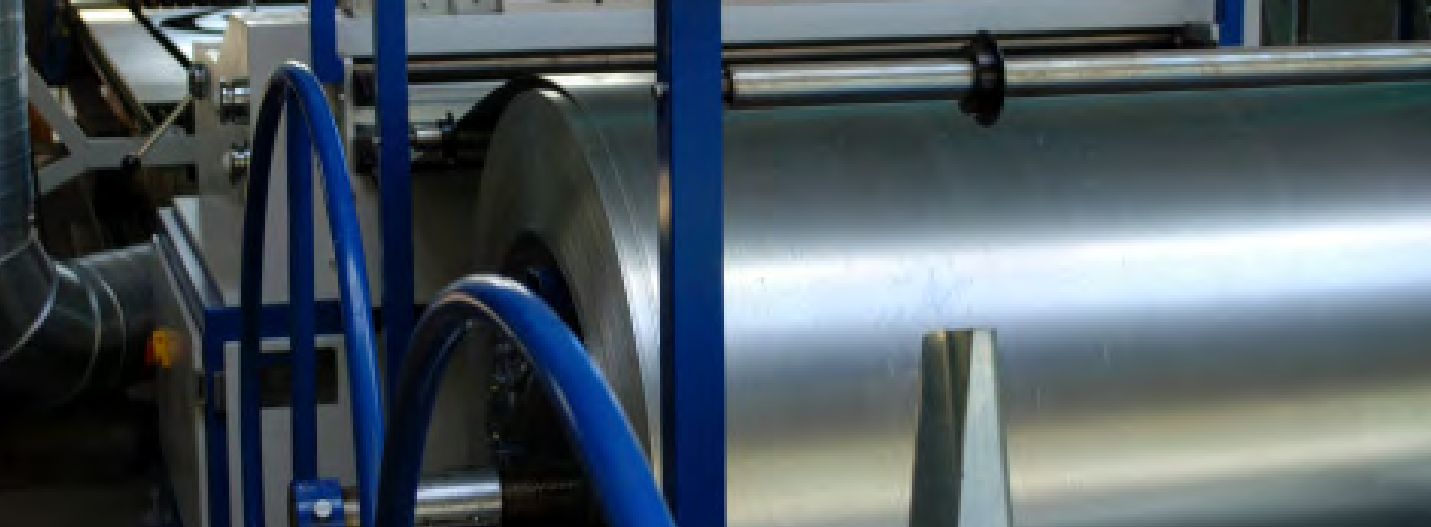
<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	170 lb/in (2977 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	65 oz/in (71 N/100 mm)
<b>Total Thickness:</b>	6.0 mils

Recommended Product ▶

Higher Bond Resistance ▶

More Cut Resistance ▶





# Metalworking

Designed specifically for metal coil tabbing, splicing and other applications involving oily metal surfaces — including wrapping metal wire or metal rods into a collected bundle. They're the tapes you can depend on for strength without compromise.


General Bundling [▶](#)


Metal Coil Tabbing [▶](#)



# General Bundling

It's easy to keep it together with our portfolio of solutions. From lighter duty to heavy duty and everything between, we have a high strength tape to match your application needs.

Recommended Product 

High Impact Resistant 

Cut Resistant 

Lighter Duty 



# Scotch® Filament Tape 898

Our most versatile general purpose bundling solution. It provides 380 lbs/in tensile strength and excellent cut resistance, making it ideal for strapping, bundling and reinforcing applications.

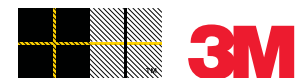
**Backing Material:** Polypropylene  
**Reinforcement:** Fiberglass  
**Tensile Strength:** 380 lb/in (6655 N/100 mm)  
**Adhesive Type:** Synthetic Rubber  
**Adhesion Strength:** 70 oz/in (77 N/100 mm)  
**Total Thickness:** 6.6 mils

Recommended Product ▶

High Impact Resistant ▶

Cut Resistant ▶

Lighter Duty ▶







# Scotch® Filament Tape 880

Bundling pipes or conduit is made easy with filament tape. It is reinforced with continuous polyester yarn filaments for high tensile strength and features high impact resistance and high cut resistance. Its aggressive adhesive is formulated to provide an excellent balance of high initial adhesion and long-term holding power.

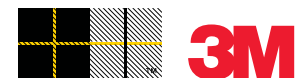
<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Polyester
<b>Tensile Strength:</b>	270 lb/in (4728 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	80 oz/in (88 N/100 mm)
<b>Total Thickness:</b>	7.7 mils

Recommended Product ▶

High Impact Resistant ▶

Cut Resistant ▶

Lighter Duty ▶





# Scotch<sup>®</sup> Bi-Directional Filament Tape 8959

This fiberglass reinforced tape is cut and tear resistant with high initial adhesion to most surfaces. Designed with fiberglass filaments running in a bi-directional pattern, it's ideal for heavy packages and shipping.

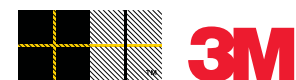
<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	Bi-Directional Fiberglass
<b>Tensile Strength:</b>	150 lb/in (2627 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	100 oz/in (109 N/100 mm)
<b>Total Thickness:</b>	5.7 mils

Recommended Product ▶

High Impact Resistant ▶

Cut Resistant ▶

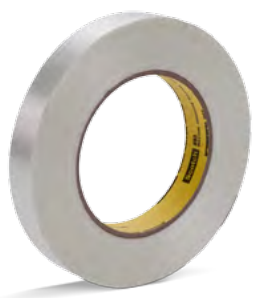
Lighter Duty ▶





# Scotch® Filament Tapes

For lighter duty applications, these filament tapes are the everyday tapes that you can rely on.



## Scotch® Filament Tape 893

- Backing Material:** Polypropylene
- Reinforcement:** Fiberglass
- Tensile Strength:** 300 lb/in (5254 N/100 mm)
- Adhesive Type:** Synthetic Rubber
- Adhesion Strength:** 55 oz/in (60 N/100 mm)
- Total Thickness:** 6.0 mils



## Scotch® Filament Tape 897

- Backing Material:** Polypropylene
- Reinforcement:** Fiberglass
- Tensile Strength:** 170 lb/in (2977 N/100 mm)
- Adhesive Type:** Synthetic Rubber
- Adhesion Strength:** 50 oz/in (55 N/100 mm)
- Total Thickness:** 5.0 mils



## Tartan™ Filament Tape 8934

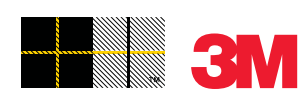
- Backing Material:** Polypropylene
- Reinforcement:** Fiberglass
- Tensile Strength:** 100 lb/in (1751 N/100 mm)
- Adhesive Type:** Synthetic Rubber
- Adhesion Strength:** 48 oz/in (53 N/100 mm)
- Total Thickness:** 4.0 mils

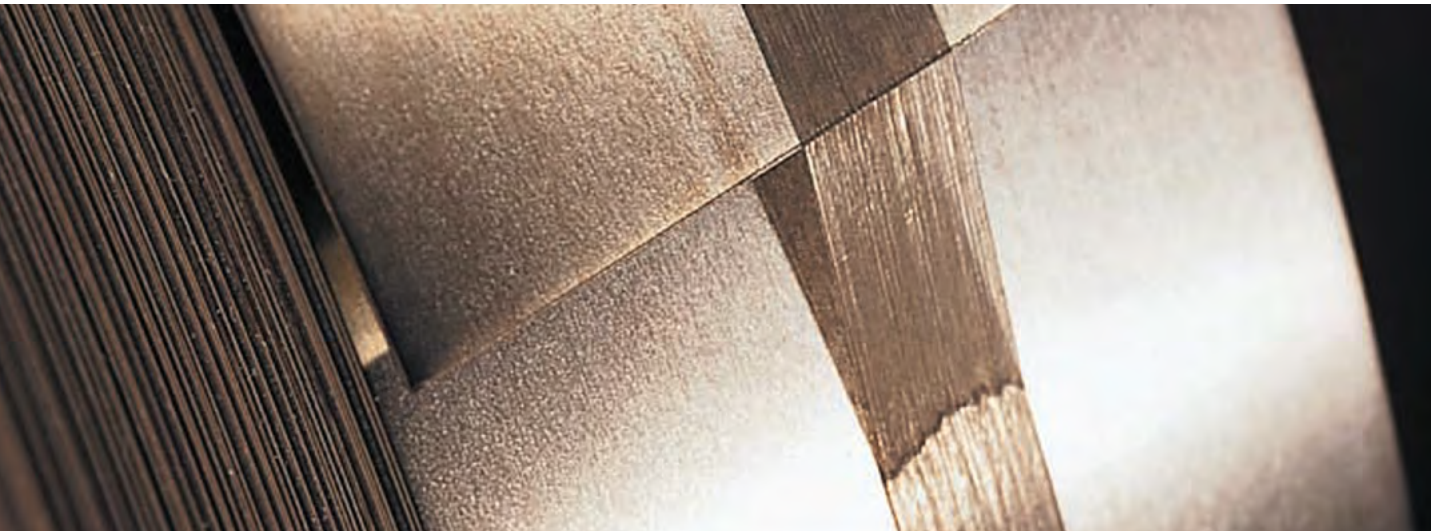
Recommended Product ▶

High Impact Resistant ▶

Cut Resistant ▶

Lighter Duty ▶





# Metal Coil Tabbing

Metalworking applications require tapes that are tough as nails. Replace wire bands with Scotch® Filament Tapes to improve productivity while reducing damage and waste. The adhesive is uniquely designed for superior adhesion to oily surfaces, making these tapes ideal for coil tabbing and metal splicing applications.

Recommended Product 

More Strength 

Sharp Edges 

Better Adhesive 

Clean Removal 





# Scotch® Filament Tape 898MSR

Specifically formulated to provide very good oily metal adhesion performance, this tape is ideal for metal coil tabbing. The adhesive provides a balanced performance with high adhesion and long-term holding power for a variety of metalworking applications.

<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Modified Synthetic Rubber
<b>Adhesion Strength:</b>	90 oz/in (99 N/100 mm)
<b>Total Thickness:</b>	6.0 mils

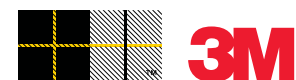
Recommended Product ▶

More Strength ▶

Sharp Edges ▶

Better Adhesive ▶

Clean Removal ▶





# Scotch® Filament Tape 890MSR

This tape has the strength you need for your most demanding coil tabbing applications. It has very good oily metal adhesion performance and features high tensile strength you can rely on for critical metal applications.

<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	600 lb/in (10500 N/100 mm)
<b>Adhesive Type:</b>	Modified Synthetic Rubber
<b>Adhesion Strength:</b>	80 oz/in (88 N/100 mm)
<b>Total Thickness:</b>	8.0 mils

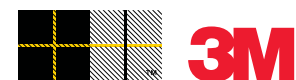
Recommended Product ▶

More Strength ▶

Sharp Edges ▶

Better Adhesive ▶

Clean Removal ▶





# Scotch® Filament Tape 880MSR

For applications with sharp edges, you need a tape with added strength for high impact. This filament reinforced tape provides high tensile strength and impact and cut resistance. It resists abrasion, moisture, scuffing and breaks, even if nicked or punctured.

<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Polyester
<b>Tensile Strength:</b>	270 lb/in (4728 N/100 mm)
<b>Adhesive Type:</b>	Modified Synthetic Rubber
<b>Adhesion Strength:</b>	95 oz/in (100 N/100 mm)
<b>Total Thickness:</b>	7.7 mils

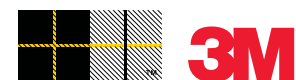
Recommended Product ▶

More Strength ▶

Sharp Edges ▶

Better Adhesive ▶

Clean Removal ▶





# Scotch® Filament Tape 8919MSR

Designed to perform when exposed to oily surfaces, this industrial strength, filament reinforced tape has the adhesive strength you're looking for. It offers long-term holding power and excellent abrasion, moisture and scuff resistance.

<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Modified Synthetic Rubber
<b>Adhesion Strength:</b>	100 oz/in (109 N/100 mm)
<b>Total Thickness:</b>	7.0 mils

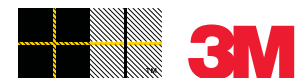
Recommended Product ▶

More Strength ▶

Sharp Edges ▶

Better Adhesive ▶

Clean Removal ▶





# Scotch<sup>®</sup> Clean Removal Strapping Tape 8899HP

For clean removal on small coil tabbing applications, reach for this high performance tape. Its rubber adhesive is specifically formulated to adhere evenly and bond firmly. The high strength film backing resists breaking, abrasion, moisture and scuffs.

<b>Backing Material:</b>	Polypropylene
<b>Reinforcement:</b>	None
<b>Tensile Strength:</b>	170 lb/in (2977 N/100 mm)
<b>Adhesive Type:</b>	Natural Rubber
<b>Adhesion Strength:</b>	55 oz/in (60 N/100 mm)
<b>Total Thickness:</b>	4.8 mils

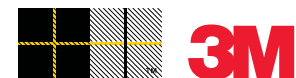
Recommended Product ▶

More Strength ▶

Sharp Edges ▶

Better Adhesive ▶

Clean Removal ▶








# Oil and Gas

The oil and gas industry keeps things flowing with Scotch® High Strength Filament Tapes. These tapes contain the steel bands or wires used for armoring flexible flow lines, risers and umbilicals during manufacturing to help prevent birdcaging.

Armoring 



# Armoring

For more than 30 years, Scotch® High Strength Filament Tapes have been successfully used to contain the steel bands or wires used for armoring flexible flow lines, risers and umbilicals.

Recommended Product 

High Strength 

More Elongation 

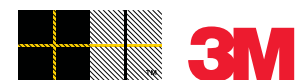
Lighter Duty 

**Scotch**<sup>®</sup>  
Brand

# Scotch<sup>®</sup> High Strength Filament Tape 890SR

When you need high tensile strength, high adhesion and long-term holding power, look no further than Scotch<sup>®</sup> High Strength Filament Tape 890SR. This filament tape is reinforced with continuous fiberglass yarn filaments and specifically formulated to provide very good oily metal adhesion performance. The clear polyester backing provides abrasion, moisture and scuff resistance.

<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	680 lb/in (11909 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	70 oz/in (77 N/100 mm)
<b>Total Thickness:</b>	8.0 mils

[Recommended Product](#) ▶[High Strength](#) ▶[More Elongation](#) ▶[Lighter Duty](#) ▶



# Scotch® High Strength Filament Tape 890HD

The tape you take with you when you go to extremes. With up to 2X more tensile strength than any other pressure sensitive filament tape on the market, this high strength filament tape protects structural integrity when required.

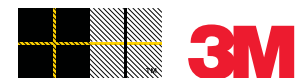
<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	1200 lb/in (21012 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	80 oz/in (88 N/100 mm)
<b>Total Thickness:</b>	11.3 mils

Recommended Product ▶

High Strength ▶

More Elongation ▶

Lighter Duty ▶





# Scotch® Filament Tape 8809

Get the dependable, proven technology you need for containing flexible pipe armoring. Made with cut- and abrasion-resistant polyester film backing, this tape features more elongation, helps limit degradation from saltwater and helps prevent birdcaging of armoring materials.

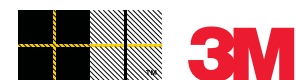
<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Polyester
<b>Tensile Strength:</b>	270 lb/in (4725 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	70 oz/in (77 N/100 mm)
<b>Total Thickness:</b>	7.7 mils

Recommended Product ▶

High Strength ▶

More Elongation ▶

Lighter Duty ▶







# Scotch<sup>®</sup> High Strength Filament Tape 8983P

For lighter duty applications, this is the tape you can count on. It's engineered for faster throughput with less downtime and helps prevent birdcaging of armoring materials.

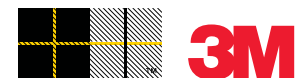
<b>Backing Material:</b>	Polyester
<b>Reinforcement:</b>	Fiberglass
<b>Tensile Strength:</b>	380 lb/in (6655 N/100 mm)
<b>Adhesive Type:</b>	Synthetic Rubber
<b>Adhesion Strength:</b>	43 oz/in (47.1 N/100 mm)
<b>Total Thickness:</b>	6.0 mils

Recommended Product ▶

High Strength ▶

More Elongation ▶

Lighter Duty ▶





# Top Applications

Quickly find 3M high strength tape solutions for your specific needs by selecting an application.

General Bundling



Palletizing



Heavy Duty Box Sealing



L-Clip Closing



Metal Coil Tapping



Temporary Holding



Basiloid Lift



Armoring





# Products

Find the right tape or solution for your application.

Filament Tapes



Tensitized Polypropylene Tapes



Reinforced Strapping Tape



Stretchable Tapes







# Filament Tapes

Find your solution to succeed. Scotch® High Performance Filament Tapes feature exceptionally strong filament reinforcement combined with unsurpassed holding power to provide effective solutions for a variety of applications. Trust the portfolio that offers tapes for the simplest to the most extreme uses.

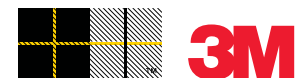
**[See all Filament Tapes](#)** ▶

Filament Tapes ▶

Tensitized Polypropylene Tapes ▶

Reinforced Strapping Tape ▶

Stretchable Tapes ▶

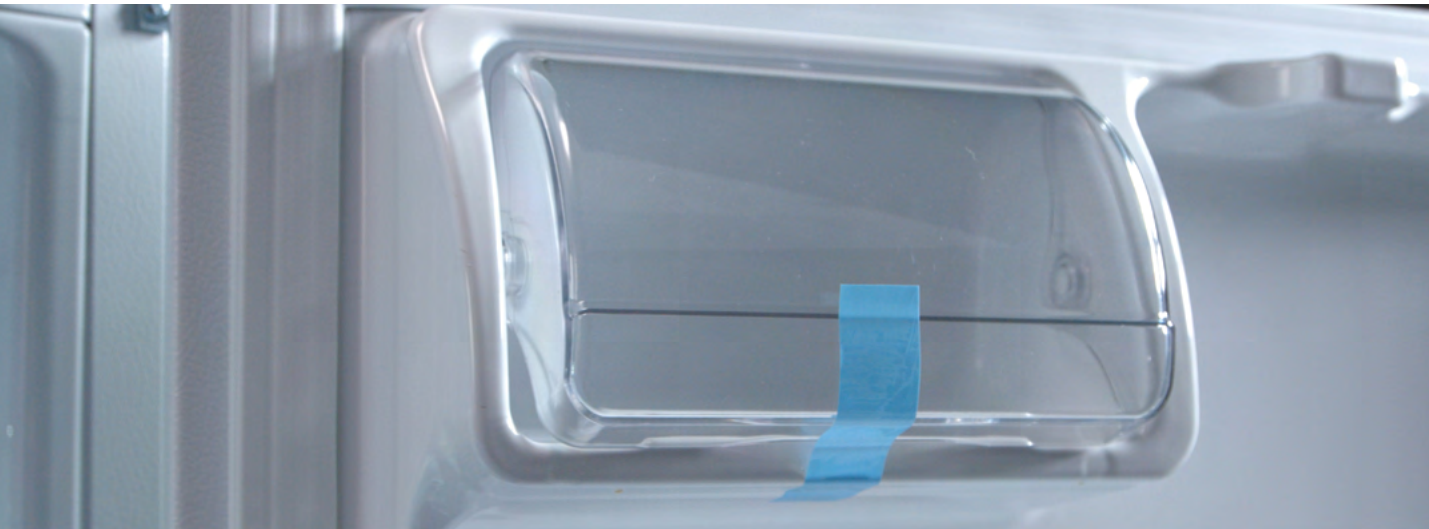


# Scotch® Filament Tapes

Product	Tensile Strength lb/in (N/100 mm)	Backing Material	Reinforcement	Total Thickness mils (mm)	Adhesive Type	Adhesion Strength oz/in (N/100 mm)	Elongation (%)	Backing Color	Typical Use and Comments
ASTM Test Method	D-3759			D-3652		D-3330	D-3759		
890HD	1200 (21012)	Polyester	Fiberglass	11.3 (0.287)	Synthetic Rubber	80 (88)	4	Clear	Extreme high tensile strength applications; Helical winding, coil closure
890SR	680 (11909)	Polyester	Fiberglass	8.0 (0.203)	Synthetic Rubber	70 (77)	5	Clear	Basiloid, heavy appliance lifting; Good adhesion to corrugate
890RCT	680 (11909)	Polyester	Fiberglass	8.0 (0.203)	Synthetic Rubber	80 (88)	5	Clear	Basiloid, heavy appliance lifting; Good adhesion to recycled corrugate
890MSR	600 (10500)	Polyester	Fiberglass	8.0 (0.203)	Modified Synthetic Rubber	90 (99)	3	Clear	Metal coil closure; Good adhesion to oily surfaces
898	380 (6655)	Polypropylene	Fiberglass	6.6 (0.168)	Synthetic Rubber	70 (77)	5	Clear	L-Clip box closure, general bundling and reinforcing; Versatile, good adhesion to many substrates
8988	380 (6655)	Polypropylene	Fiberglass	6.9 (0.175)	Synthetic Rubber	75 (82)	3	Clear	L-Clip box closure; Good adhesion to recycled corrugate
898MSR	380 (6655)	Polyester	Fiberglass	6.0 (0.152)	Modified Synthetic Rubber	90 (99)	5	Clear	Metal coil closure; Good adhesion to oily surfaces
8919MSR	380 (6655)	Polyester	Fiberglass	7.0 (0.180)	Modified Synthetic Rubber	105 (110)	3	Clear	Metal coil closure; Good adhesion to oily surfaces, thicker backing
8983P	380 (6655)	Polyester	Fiberglass	6.0 (0.152)	Synthetic Rubber	43 (47.1)	3	Clear	Great bundling and reinforcing for applications requiring lower adhesion
893	300 (5254)	Polypropylene	Fiberglass	6.0 (0.152)	Synthetic Rubber	55 (60)	4.5	Clear	Box closing, palletizing, strapping, bundling and reinforcing; High strength
880	270 (4728)	Polypropylene	Polyester	7.7 (0.196)	Synthetic Rubber	80 (88)	19	Clear/Red	Pipe and conduit, bundling and color coding; Excellent shock resistance
8809	270 (4728)	Polyester	Polyester	7.7 (0.196)	Synthetic Rubber	70 (77)	19	Clear	Good adhesion to metal surfaces in flexible flowlines, riser and umbilical armoring
880MSR	270 (4728)	Polyester	Polyester	7.7 (0.196)	Modified Synthetic Rubber	95 (100)	19	Clear	Metal coil closure; Good adhesion to oily surfaces, high cut resistance
8916V	210 (3678)	Polypropylene	Fiberglass	6.8 (0.172)	Synthetic Rubber	75 (82)	3	Blue	Appliance, secure and stabilize parts; Clean removal, thicker backing
897	170 (2977)	Polypropylene	Fiberglass	5.0 (0.127)	Synthetic Rubber	50 (55)	4	Clear	Box closing, palletizing, strapping, bundling and reinforcing; Medium strength
8915	170 (2977)	Polypropylene	Fiberglass	6.0 (0.150)	Synthetic Rubber	65 (71)	3	Clear	Appliance, secure and stabilize parts; Clean removal
8959	150 (2627)	Polypropylene	Bi-Directional Fiberglass	5.7 (0.145)	Synthetic Rubber	100 (109)	6	Clear	Bi-directional filament for excellent cut and puncture resistance, high adhesion
8934*	100 (1751)	Polypropylene	Fiberglass	4.0 (0.102)	Synthetic Rubber	48 (53)	3	Clear	Box closing, palletizing, strapping, bundling and reinforcing; Utility

\*Tartan™ brand





# Tensitized Polypropylene Tapes

Scotch® Tensitized Polypropylene Tapes combine strength with clean removability, making them ideal for general strapping, temporary holding and securing applications. Get high performance that bonds firmly to a variety of substrates, including stainless steel, painted and unpainted metal, vinyl, glass and various plastic surfaces without leaving adhesive residue when removed.

**[See all Tensitized Polypropylene Tapes](#)** ▶

Filament Tapes ▶

Tensitized Polypropylene Tapes ▶

Reinforced Strapping Tape ▶

Stretchable Tapes ▶



# Scotch® Tensitized Polypropylene Tapes

Product	Tensile Strength lb/in (N/100 mm)	Backing Material	Reinforcement	Total Thickness mils (mm)	Adhesive Type	Adhesion Strength oz/in (N/100 mm)	Elongation (%)	Backing Color	Typical Use and Comments
ASTM Test Method	D-3759			D-3652		D-3330			
8899HP	170 (2977)	Polypropylene	None	4.8 (0.12)	Natural Rubber	55 (60)	30	Blue/Ivory/ White	Appliance, secure and stabilize parts; Clean removal; High and low temperature performance
8898	160 (2802)	Polypropylene	None	4.6 (0.12)	Synthetic Rubber	75 (82)	32	Blue/Ivory	Appliance, secure and stabilize parts; Clean removal, high adhesion



# Reinforced Strapping Tape

Secure your packages with maximum holding power and durability with Scotch® Reinforced Strapping Tape. The strength you need with the clarity to let your graphics shine makes it the ideal choice for your strapping, bundling and reinforcing applications.

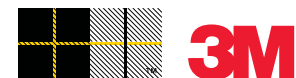
[\*\*See Reinforced Strapping Tape\*\*](#) ▶

Filament Tapes ▶

Tensitized Polypropylene Tapes ▶

Reinforced Strapping Tape ▶

Stretchable Tapes ▶



# Scotch® Reinforced Strapping Tape

Product	Tensile Strength lb/in (N/100 mm)	Backing Material	Reinforcement	Total Thickness mils (mm)	Adhesive Type	Adhesion Strength oz/in (N/100 mm)	Elongation (%)	Backing Color	Typical Use and Comments
ASTM Test Method	D-3759			D-3652		D-3330			
8651	175 (3064)	Polypropylene	Polypropylene	5.6 (0.142)	Synthetic Rubber	75 (82)	30	Clear	Palletizing, L-Clip and box reinforcing; High clarity for use on high quality graphics boxes or over bar codes



# Stretchable Tapes

Scotch® Stretchable Tapes machine-stretch up to 650% with clean removal — a little bit goes a long way when moving pallets or allowing for boxes that need to breathe.

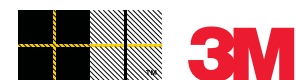
[\*\*See all Stretchable Tapes\*\*](#) ▶

Filament Tapes ▶

Tensitized Polypropylene Tapes ▶

Reinforced Strapping Tapes ▶

Stretchable Tapes ▶





# Scotch® Stretchable Tapes

Product	Tensile Strength lb/in (N/100 mm)	Backing Material	Total Thickness mils (mm)	Adhesive Type	Adhesion Strength oz/in (N/100 mm)	Elongation (%)	Backing Color	Typical Use and Comments
ASTM Test Method	D-3759		D-3652		D-3330			
8886	28 (490)	Polyethylene	7.0 (0.18mm)	Synthetic Rubber	65 (71)	720	Clear	Package load control or internal storage aid
8884	20 (350)	Polyethylene	5.0 (0.127)	Synthetic Rubber	70 (77)	710	Clear	Palletizing for intra-plant movement; Load containment; For hand application using Scotch® Stretchable Tape Dispenser H38

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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