

**EMPIRE**

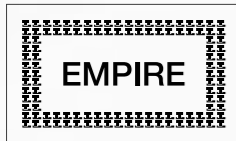
# Products Catalogue

Manufacturer of Velcro Tape Based on Strong Trust and Respect



## About EMPIRE

**"Manufacturer  
of Velcro Tape  
Based on  
Strong Trust  
and Respect"**



We, Empire, have been made velcro tape (Hook and Loop Fastener) since 2007. We are one of the leading manufacturer of velcro tape(Hook and Loop Tape) in South Korea.

We supply the Velcro Tape to global customers over a wide range of industries. We are doing our best to responsible for the industry's best quality standard and to fully satisfy all customer's demands such as quality, delivery and reasonable cost, at the nearest position to the customers, always based on reliance.

We will do our best to be a trustworthy company to provide the best product for customer.

Sincerely yours,  
President Mr.Lim

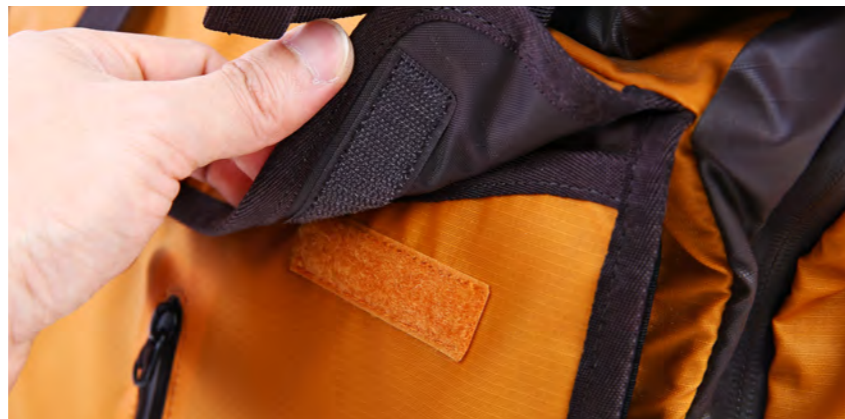
## Company Core Value

- 1 Strong Trust and Respect.**  
Be honest in any circumstance.  
Have no regrets by doing our best.
- 2 More advanced, creative mind.**  
Constantly try to improve ourselves.  
Never stop making innovative product.
- 3 Customer satisfaction.**  
Always focus on speed, cost, quality  
to satisfy our customers.



## Business Line

- \* Automobile, Transportations
- \* Computer Peripherals
- \* Apparel
- \* Furniture
- \* Home living, deco
- \* Personal Care
- \* Medical and Healthcare
- \* etc.



## Product Info

- 1 Sew on Velcro Tape**
- 2 E/G BAND, Back To Back Velcro Tie**
- 3 Plastic Velcro Hook**  
EMPH-22  
EMPH-32  
EMPH-42
- 4 Adhesive Velcro**
- 5 Customized Velcro**  
Die cutting Velcro  
Velcro Cable Tie  
Printed Velcro
- 6 Special Velcro**  
Unapped Loop  
Fire Retardant Velcro  
Zipper Velcro (Hook and Loop Same Side)



# Sew on Velcro Tape

It is Regular Hook and Loop Tape.  
 Material: 100% NYLON, NYLON POLY MIXED



## Standard Size

INCH

|       |      |      |      |    |
|-------|------|------|------|----|
| 3/8"  | 1/2" | 5/8" | 3/4" | 1" |
| 1.25" | 1.5" | 2"   | 4"   | 6" |

MM

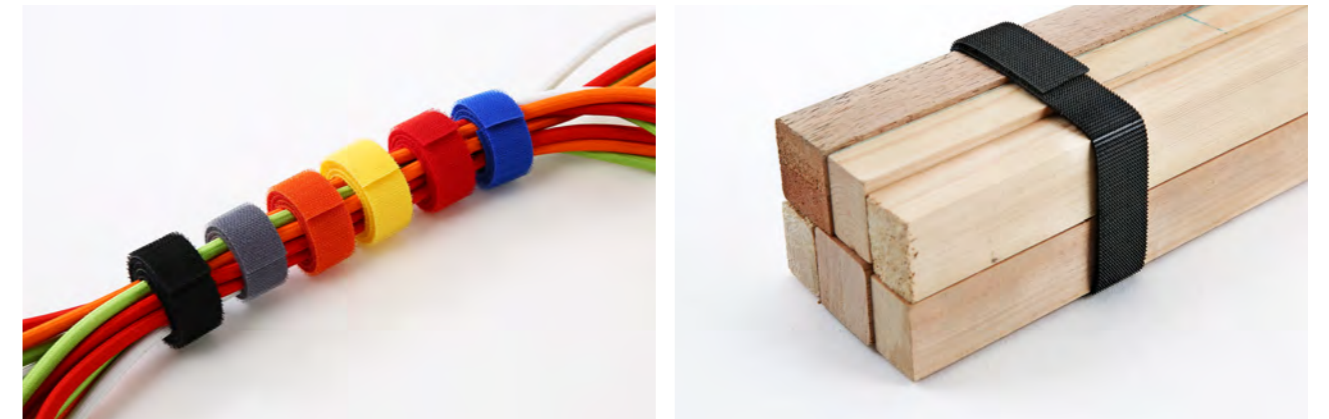
|      |      |       |       |       |
|------|------|-------|-------|-------|
| 10mm | 12mm | 16mm  | 25mm  | 30mm  |
| 38mm | 50mm | 100mm | 110mm | 150mm |

## Color

It can be dyed in any color that you want.

# E/G BAND, Back To Back Velcro Tie

It is made by Lylex fabric and plastic hook.  
 It is easy to fasten all kinds of goods.



## Standard Size (we can make it up to customer needs.)

INCH

|      |      |    |       |    |
|------|------|----|-------|----|
| 3/4" | 1/2" | 1" | 1.25" | 2" |
|------|------|----|-------|----|

MM

|      |      |      |      |      |
|------|------|------|------|------|
| 15mm | 20mm | 25mm | 30mm | 50mm |
|------|------|------|------|------|

## Standard Package

10M/ROLL

## Color

RED, BLUE, BLACK, YELLOW, ORANGE, WHITE, GREY

# Plastic Velcro Hook

It is thin and soft Plastic Hook Tape. It has strong Shearing Strength.  
Material: NY(NYLON), SP(SPECIAL PP)



## Standard Size (Width)

Maximum 330mm

## Color

White, Black, Clear

## Application

Medical equipments, Garments, Bags, Gloves,

Cable tie, Helmet, Transportation, Military, Construction, etc.

## Product Type

EMPH-22, EMPH-32, EMPH-42

## EMPH-22NY, EMPH-22SP

It is thin and soft Plastic Hook Tape.

| Hook  | Material                    | Match       |
|---|-----------------------------|-------------|
|  | NY(NYLON)<br>SP(SPECIAL PP) | Loop Fabric |

## EMPH-32NY, EMPH-32SP

It has strong Shearing Strength.


| Hook  | Material                    | Match  |
|---|-----------------------------|--|
|  | NY(NYLON)<br>SP(SPECIAL PP) | Loop Tape,<br>Unapped Loop 1, Unapped Loop 2 |

### Test Data Sheet

| UNIT           | PEELING STRENGTH |  | SHEARING STRENGTH |  |
|----------------|------------------|--|-------------------|--|
|                | N/CM             |  | N/CM2             |  |
| MATCH          | 0                | 1,000 (after washing)<br>Persistency Rate(%) | 0                 | 1,000 (after washing)<br>Persistency Rate(%) |
| SEW ON LOOP    | 5.67             | 67.7%  | 26.17             | 66.4%  |
| UNAPPED LOOP   | 2.46             | 76.4%  | 17.71             | 91.80%                                       |
| UNAPPED LOOP 2 | 2.95             | 68%  | 26.79             | 78.30%                                       |

## EMPH-42NY, EMPH-42SP

It has strong Shearing Strength.

| Hook  | Material                    | Match                        |
|---|-----------------------------|------------------------------|
|  | NY(NYLON)<br>SP(SPECIAL PP) | Loop Tape,<br>Unapped Loop 2 |

### Test Data Sheet

| UNIT           | PEELING STRENGTH |  | SHEARING STRENGTH |  |
|----------------|------------------|--|-------------------|--|
|                | N/CM             |  | N/CM2             |  |
| MATCH          | 0                | 1,000 (after washing)<br>Persistency Rate(%) | 0                 | 1,000 (after washing)<br>Persistency Rate(%) |
| SEW ON LOOP    | 2.38             | 63.4%  | 27.73             | 79.5%  |
| UNAPPED LOOP 2 | 1.73             | 77.5%  | 25.94             | 80.2%  |

# Adhesive Velcro

It is coated with Hotmelt adhesive on the back of Velcro Tape.  
We can make it in various types or shape.



## Adhesive Info

|                 | AD03                                     | AD04                                     |
|-----------------|--|--|
| Heat Resistance | 80°C (176F)                              | 65°C (149F)                              |
| Cold Resistance | -10°C (-50F)                             | -10°C (-50F)                             |
| Technology      | Rubber based pressure sensitive adhesive | Rubber based pressure sensitive adhesive |

## Standard Size

INCH

|       |      |      |      |    |
|-------|------|------|------|----|
| 3/8"  | 1/2" | 5/8" | 3/4" | 1" |
| 1.25" | 1.5" | 2"   | 4"   | 6" |

MM

|      |      |       |       |       |
|------|------|-------|-------|-------|
| 10mm | 12mm | 16mm  | 25mm  | 30mm  |
| 38mm | 50mm | 100mm | 110mm | 150mm |

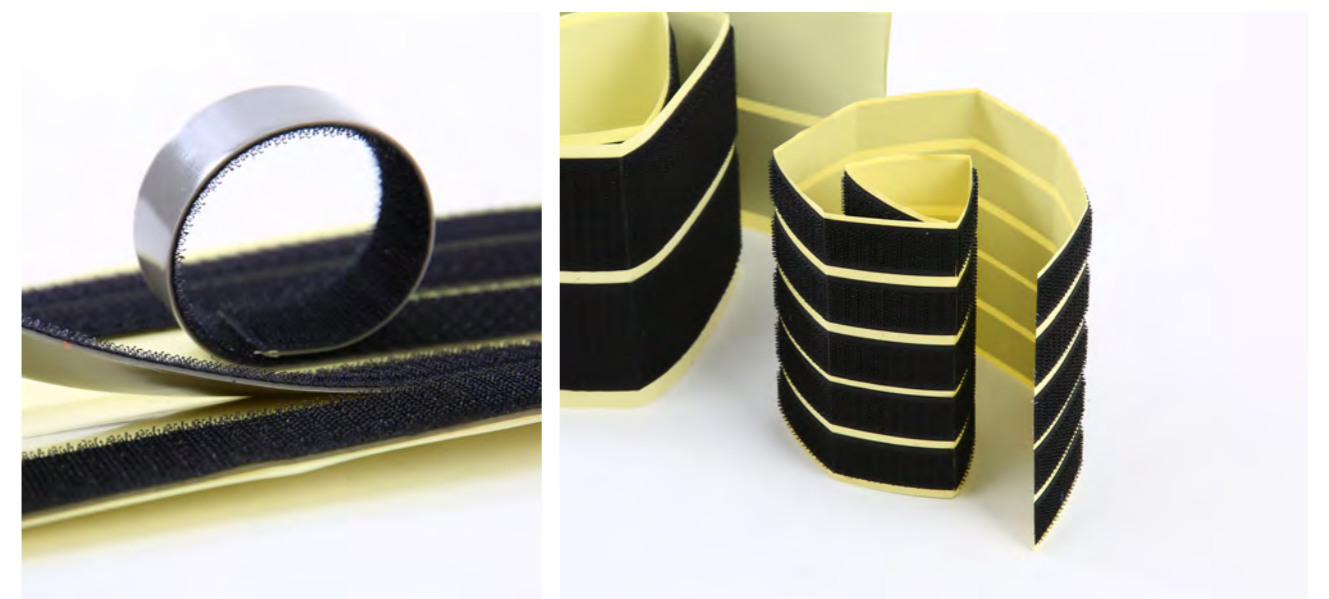
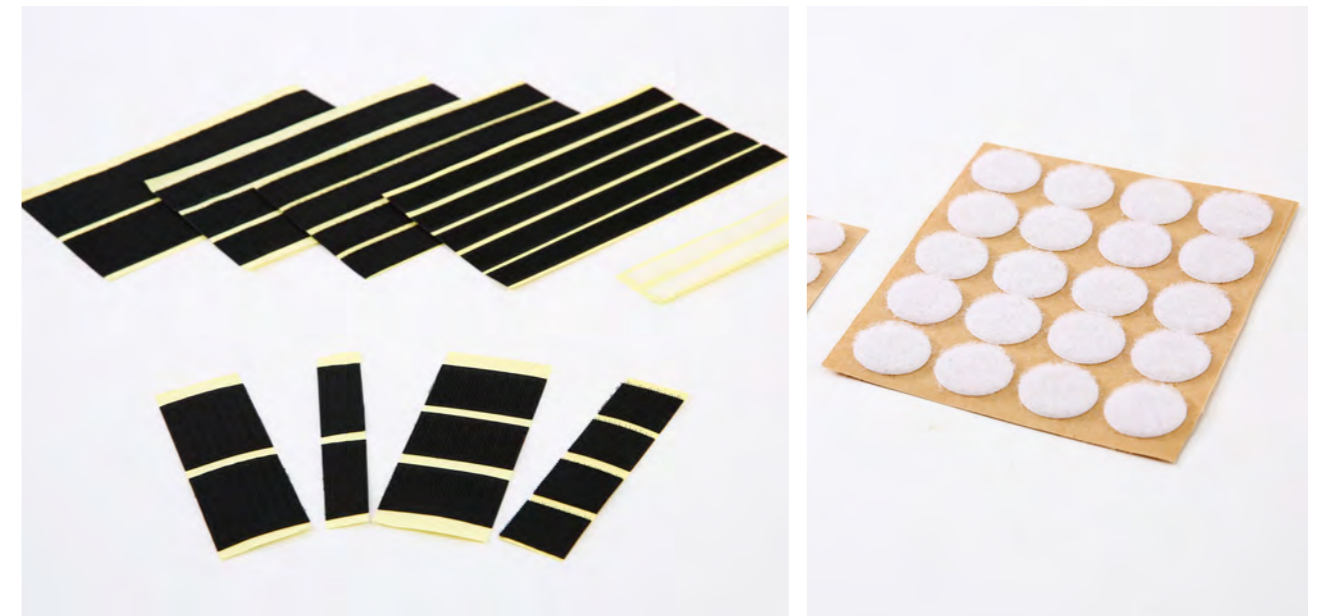
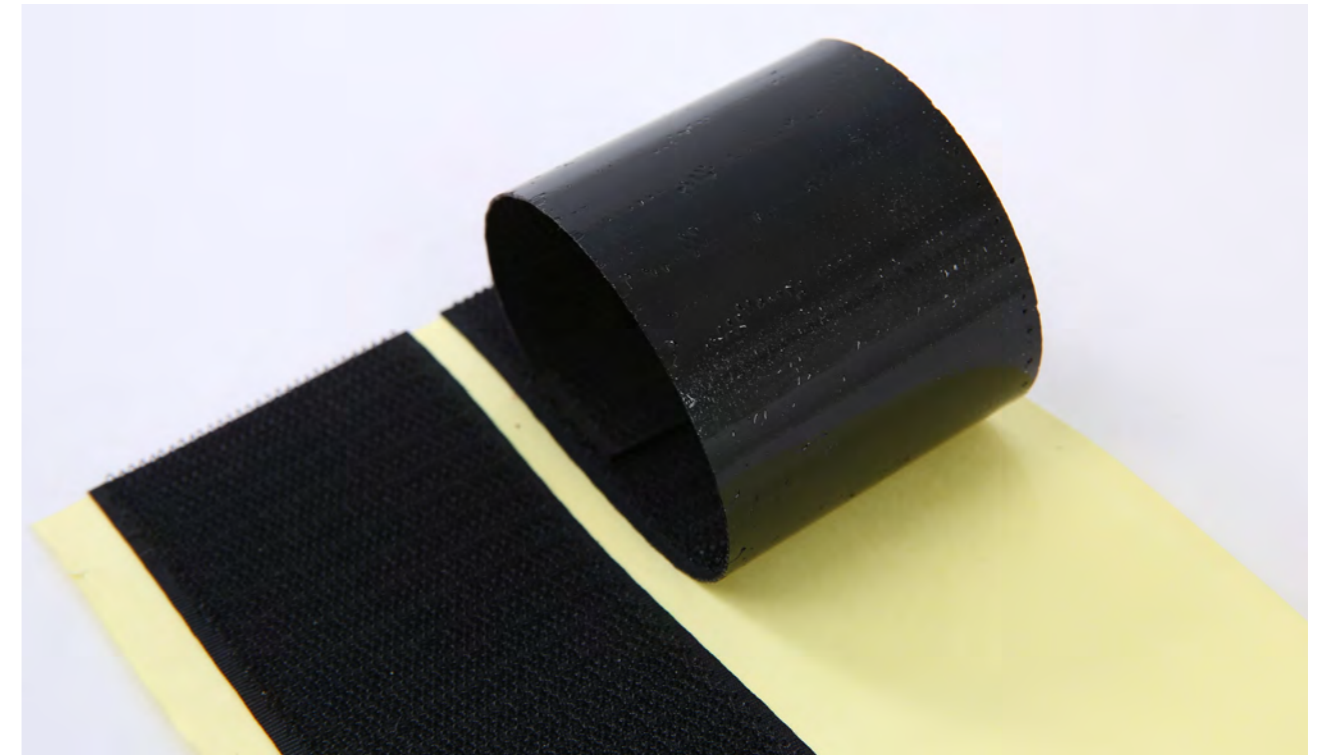
## Standard Package

YARD

|              |              |
|--------------|--------------|
| 20 Yard/Roll | 25 Yard/Roll |
|--------------|--------------|

METER

|               |               |
|---------------|---------------|
| 20 Meter/Roll | 25 Meter/Roll |
|---------------|---------------|



# Customized Velcro

## Die cutting Velcro

It can be customized any shape as customer's needs.



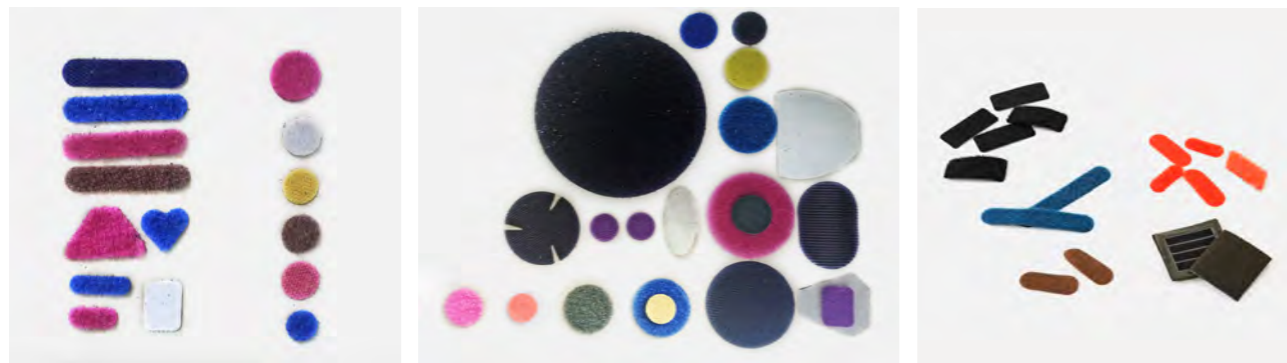
### Available Size

We can make any shape of good as you need.



### Color

It can be dyed in any color that you want.



## Velcro Cable Tie

It is easy to fasten all kinds of goods.



### Standard Size

We can make any shape of good as you need.

### Color

It can be dyed in any color that you want.

## Printed Velcro

We can print various type and shape as customer needs.



# Special Velcro

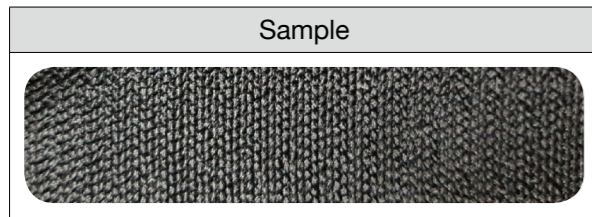
## Unapped Loop

It is the softest Loop Tape.

It is mainly used with Plastic Hook Tape.



## Unapped Loop-1



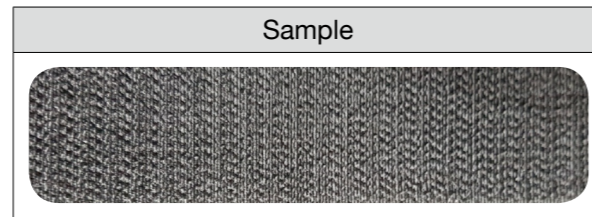
### Standard Size

110mm

### Color

It can be dyed in any color that you want.

## Unapped Loop-2



## Fire Retardant Velcro

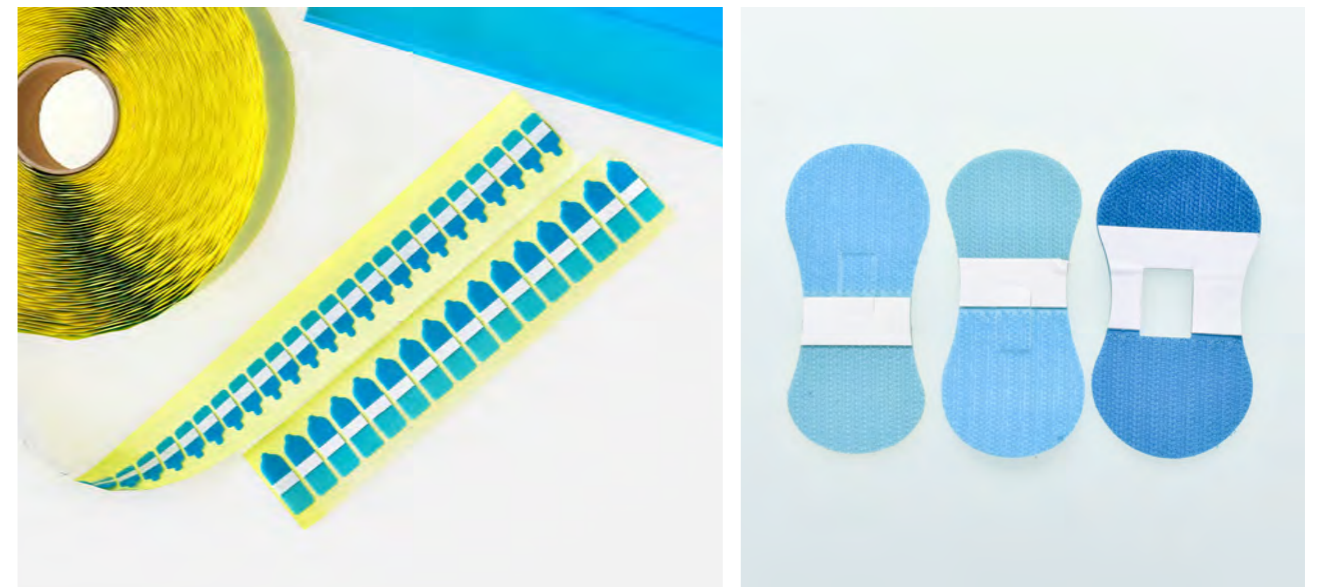
It is Fire retardant Velcro Tape.



## Zipper Velcro (Hook and Loop Same Side)

It is Hook and Loop Same Side Velcro Tape.

It is mainly use for medical products.



### Standard Size

Center: 10mm, 15mm

Width: 100mm, 110mm



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