



# Warning and Protective Bumper Guards



Knuffi® warning and protective bumper guards act as a buffer zone for people, machines, and objects; absorbing hard impacts and preventing injury and damage.

- The black and yellow warning markings help to reduce accidents and highlight danger at edges, gaps and obstacles.
- Performs well in temperatures from -40°F to +212°F (-40°C to 100°C)
- Versatile for use both indoors and outdoors
- Useful for high traffic areas, hallways, corridors, machinery, forklifts, shelves, gates, and much more.



## Not a Kid's Toy

A pool noodle may look a little like Knuffi® but as a protective bumper guard it just doesn't measure up.

Knuffi® warning and protective bumper guards are manufactured from tough, flexible polyurethane foam and sheathed in polyurethane foil during the foam production. Knuffi® are manufactured using a patented technique that prevents color deterioration under highly abrasive conditions and a high performance adhesive is applied to the inside or back of the profiles.



## Easy to install

The no-hassle, peel-off adhesive strip makes it so easy to install, even a kid can do it. Simply adhere to a clean, grease-free surface. Also available in magnetic options.



## What length do you need?

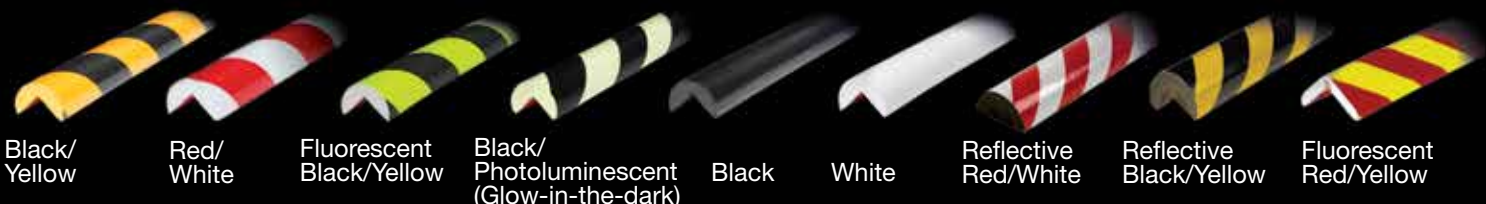
Knuffi® products are available in several standard lengths: 3' 3-1/4" (1m), 16' 4-3/4" (5m) and up to 164'-0" (50m). Custom lengths are available in larger quantities; please contact IRONGuard Safety.



## Available Colors

Knuffi® comes in a wide variety of colors.

Note: Not all profiles are available in all colors.



Black/  
Yellow

Red/  
White

Fluorescent  
Black/Yellow

Black/  
Photoluminescent  
(Glow-in-the-dark)

Black

White

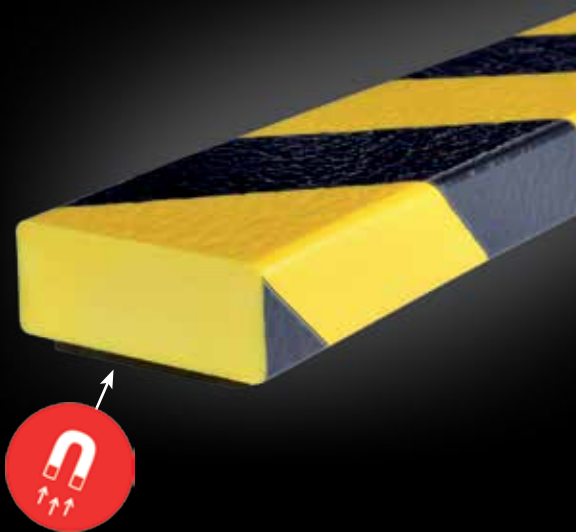
Reflective  
Red/White

Reflective  
Black/Yellow

Fluorescent  
Red/Yellow

# Knuffi® Magnetic

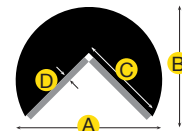
This smart solution makes temporary installation a breeze! Easily put them on and take them off any dangerous metal surface and let the heavy magnet do the work.



## Knuffi Magnetic

### Knuffi® Model A

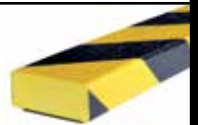
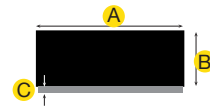
- A 1.57" (40 mm)
- B 0.98" (25 mm)
- C 0.98" (25 mm)
- D 0.079" (2mm)



Available Colors: Black, Black/Yellow, Red/White, White

### Knuffi® Model D

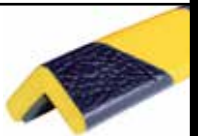
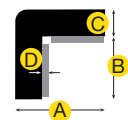
- A 1.97" (50 mm)
- B 0.79" (20 mm)
- C 0.079" (2mm)



Available Colors: Black, Black/Yellow, Red/White, White

### Knuffi® Model E

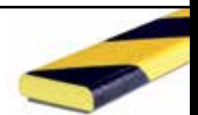
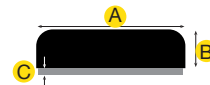
- A 1.02" (26 mm)
- B 0.75" (19 mm)
- C 0.67" (17 mm)
- D 0.079" (2mm)



Available Colors: Black, Black/Yellow, Red/White, White

### Knuffi® Model F

- A 1.57" (40 mm)
- B 0.43" (11 mm)
- C 0.079" (2mm)



Available Colors: Black, Black/Yellow, Red/White, White

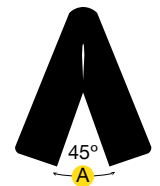
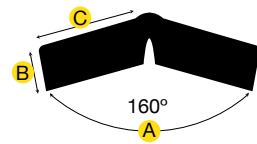
# Knuffi® Flex

The innovative Knuffi® Flex is much more flexible than standard Knuffi® corner guard profiles and can adapt to angles between 45° and 160°. From almost flat to very sharp, Knuffi® Flex can be applied to protect all the corners.

## Knuffi® Flex

### Knuffi® Flex

- A 45°-160° flexible angle
- B 0.47" (12 mm)
- C 2.16" (55 mm)



Available Colors: Black/Yellow, Fluorescent Red/Yellow

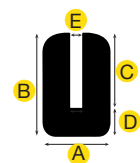
# Knuffi® W

Sharp edges no longer pose a threat with Knuffi®'s W Profile. It will easily flex to the thinnest of edges, right down to 0.039" (1mm).

## Knuffi® W

### Knuffi® W

- A 0.55" (14mm)
- B 1.02" (26mm)
- C 0.75" (19mm)
- D 0.28" (7mm)
- E 0.039" (1mm)



Available Colors: Black, Black/Yellow, Red/White, White

# Wall Protection Kit

A complete assembly of a Knuffi® protective bumper guard, factory-fitted to a stainless steel backing. Perfect for uneven surfaces. Can be screwed into virtually any surface.

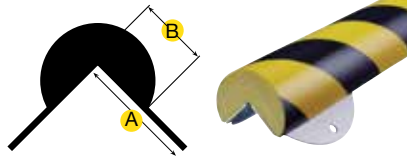


## Wall Protection Kit

### Knuffi® WPK-A+

- A 2.36" (60 mm)
- B 1.38" (35 mm)

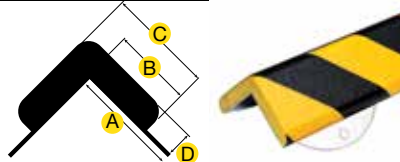
**Available Colors:** Black/Yellow, Black/Fluorescent, Reflective Red/White, Reflective Black/Yellow



### Knuffi® WPK-H+

- A 2.76" (70 mm)
- B 1.89" (48 mm)
- C 2.36" (60 mm)
- D 0.47" (12 mm)

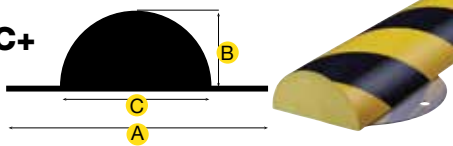
**Available Colors:** Black/Yellow, Black/Fluorescent, Reflective Red/White, Reflective Black/Yellow



### Knuffi® WPK-C+

- A 4.72" (120 mm)
- B 2.76" (70 mm)
- C 1.38" (35 mm)

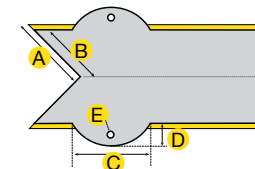
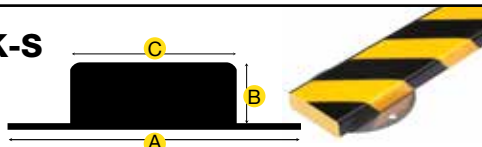
**Available Colors:** Black/Yellow, Black/Fluorescent, Reflective Red/White, Reflective Black/Yellow



### Knuffi® WPK-S

- A 4.72" (120 mm)
- B 0.79" (20 mm)
- C 2.95" (75 mm)

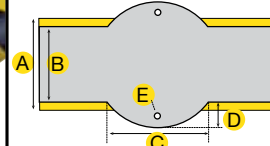
**Available Colors:** Black/Yellow, Black/Fluorescent



### Corner Kits

- A 1.89" (48 mm)
- B 1.77" (45 mm)
- C 3.94" (100 mm)
- D 1.18" (30 mm)
- E Ø 0.24" (6 mm)

**Available Lengths:**  
19-3/8" (1/2m) or 3' 3-1/4" (1m)



### Flat Kits

- A 2.95" (75 mm)
- B 2.56" (65 mm)
- C 3.94" (100 mm)
- D 1.08" (27.5 mm)
- E Ø 0.24" (6 mm)

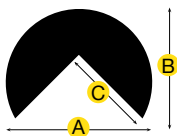
**Available Lengths:**  
19-3/8" (1/2m) or 3' 3-1/4" (1m)



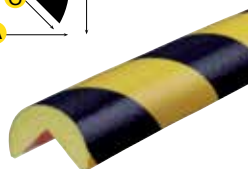
## Corner Guards

### Knuffi® Model A

- A** 1.57" (40 mm)
- B** 0.98" (25 mm)
- C** 0.98" (25 mm)

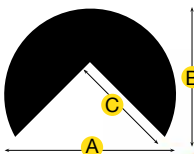


**Available Colors:** Black, Black/Yellow,  
Black/Fluorescent, Black/Photoluminescent,  
Red/White, White

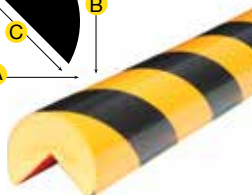


### Knuffi® Model A+

- A** 2.36" (60 mm)
- B** 1.97" (50 mm)
- C** 1.38" (35 mm)

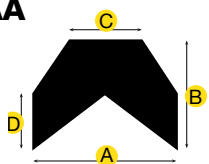


**Available Colors:** Black/Yellow,  
Reflective Red/White, Reflective Black/  
Yellow

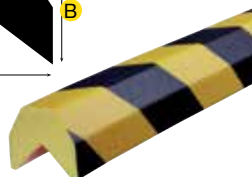


### Knuffi® Model AA

- A** 1.57" (40 mm)
- B** 1.42" (36 mm)
- C** 0.75" (19 mm)
- D** 0.75" (19 mm)

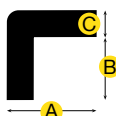


**Available Colors:** Black, Black/Yellow,  
Red/White, White

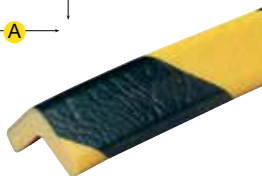


### Knuffi® Model E

- A** 1.02" (26 mm)
- B** 0.75" (19 mm)
- C** 0.28" (7 mm)

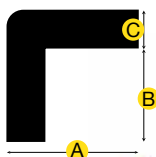


**Available Colors:** Black, Black/Yellow,  
Red/White, White

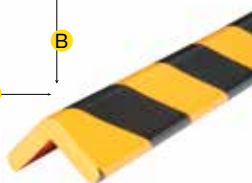


### Knuffi® Model H

- A** 1.85" (47 mm)
- B** 1.37" (35 mm)
- C** 0.47" (12 mm)

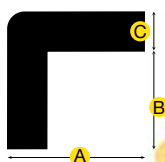


**Available Colors:** Black, Black/Yellow,  
Red/White, White



### Knuffi® Model H+

- A** 2.36" (60 mm)
- B** 1.89" (48 mm)
- C** 0.47" (12 mm)



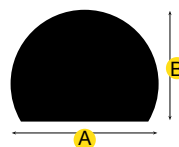
**Available Colors:** Black/Yellow,  
Reflective Red/White



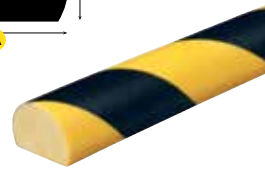
## Surface Guards

### Knuffi® Model C

- A** 1.57" (40 mm)
- B** 1.18" (30 mm)

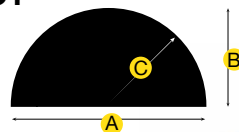


**Available Colors:** Black, Black/Yellow,  
Black/Fluorescent, Black/Photoluminescent,  
Red/White, White



### Knuffi® Model C+

- A** 2.76" (70 mm)
- B** 1.38" (35 mm)
- C** 1.38" (35 mm)

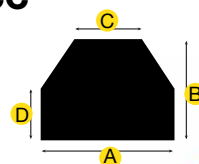


**Available Colors:** Reflective Red/White,  
Reflective Black/Yellow



### Knuffi® Model CC

- A** 1.57" (40 mm)
- B** 1.42" (36 mm)
- C** 0.75" (19 mm)
- D** 0.75" (19 mm)



**Available Colors:** Black, Black/Yellow,  
Red/White, White



### Knuffi® Model D

- A** 1.97" (50 mm)
- B** 0.79" (20 mm)



**Available Colors:** Black, Black/Yellow,  
Red/White, White

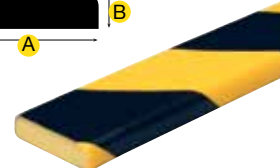


### Knuffi® Model F

- A** 1.57" (40 mm)
- B** 0.43" (11 mm)



**Available Colors:** Black, Black/Yellow,  
Red/White, White

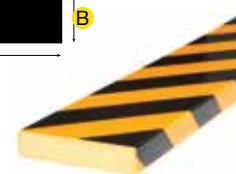


### Knuffi® Model S

- A** 2.95" (75 mm)
- B** 0.79" (20 mm)



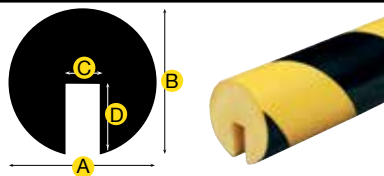
**Available Colours:** Black/Yellow



## Edge Guards

### Knuffi® Model B

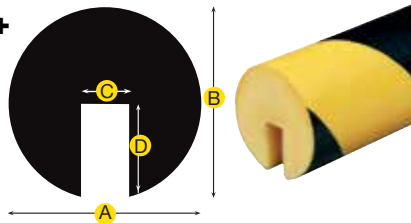
- A** 1.57" (40 mm)
- B** 1.57" (40 mm)
- C** 0.31" (8 mm)
- D** 0.75" (19 mm)



**Available Colors:** Black, Black/Yellow, Black/Fluorescent, Black/Photoluminescent, Red/White, White  
**Pressure fit only. No adhesive.**

### Knuffi® Model B+

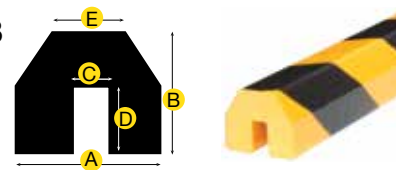
- A** 1.97" (50 mm)
- B** 1.97" (50 mm)
- C** 0.47" (12 mm)
- D** 0.98" (25 mm)



**Available Colors:** Black, Black/Yellow  
**Pressure fit only. No adhesive.**

### Knuffi® Model BB

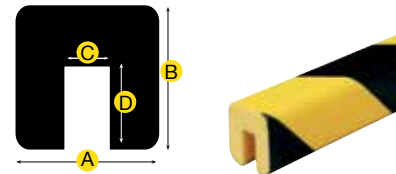
- A** 1.57" (40 mm)
- B** 1.42" (36 mm)
- C** 0.31" (8 mm)
- D** 0.75" (19 mm)
- E** 0.75" (19 mm)



**Available Colors:** Black, Black/Yellow, Red/White, White  
**Pressure fit only. No adhesive.**

### Knuffi® Model G

- A** 1.02" (26 mm)
- B** 1.18" (30 mm)
- C** 0.31" (8 mm)
- D** 0.75" (19 mm)



**Available Colors:** Black, Black/Yellow, Red/White, White

## Piping Guards

### Knuffi® R30

- A** 1.97" (50 mm)
- B** 1.18" (30 mm)
- C** 0.39" (10 mm)



**Available Colors:** Black, Black/Yellow, Red/White, White

### Knuffi® R50

- A** 2.76" (70 mm)
- B** 1.89" (48 mm)
- C** 0.47" (12 mm)



**Available Colors:** Black/Yellow, Red/White, White

## Knuffi® Protective Corners

Two dimensional and three dimensional protective corners.  
 Versatile for use both indoors and outdoors.

### Two Dimensional Protective Corners



**Type 2D A**



**Type 2D E**



**Type 2D H**

### Three Dimensional Protective Corners



**Type 3D A**



**Type 3D E**



**Type 3D H**

## Technical Data

**Profile Body:** Recyclable polyurethane foam.

**Surface:** Polyurethane foam colored by reverse printing and foamed in place so that no paint appears on the outside.

**Adhesive:** All models except B, B+, BB and Magnetic are installed using light and ageing resistant, modified acrylic glue.

**Adhesion:** 21N/inch (25mm)

**Temperature Range:** -40°F to +212°F (-40°C to 100°C)

**Fire Classification:** B2 according to DIN 4102 and UL 94HB/10mm