

# NOMA<sup>®</sup> PROTECT

—  
**WARNING  
PROFILES**

**nmc**

SOLUTIONS  
FOR INDUSTRIES

A close-up photograph of two cardboard boxes on a conveyor belt. The box in the foreground is brown and has the text 'SHOCK ABSORPTION REDEFINED.' printed on it. The box behind it is white. The conveyor belt has a yellow and black diagonal striped safety guard. The background is blurred, showing industrial equipment.

SHOCK  
ABSORPTION  
**REDEFINED.**



## **NOMA® PROTECT WARNING PROFILES**

effectively prevent dangers thanks to their striking signal colour and provide reliable impact protection through their flexibility. The high-performance adhesive used, keeps the profile in place even under difficult conditions.

# NOMA® PROTECT WARNING PROFILES

## PRODUCT FEATURES

- › Durable long term protection
- › Easy to apply to almost all surfaces\*
- › Permanent adhesive with excellent adhesion properties on various surfaces
- › High visibility for indication of danger zones
- › Easy to apply, no tools needed
- › Silicone-free

## ENVIRONMENTS

- › Intended for dry, indoor use
- › Operational temperature -40 °C up to +100 °C

## PROTECTION

- › Bumper to prevent body injuries at corners and (sharp) edges (eg: hand and head injuries)
- › Bumper to prevent damages to scratch sensitive materials
- › Bumper to protect infrastructure (walls, pillars) against trolleys and light carts

## ADVISORY IMPACT

- › People bumping their head or body against corners and edges
- › Light carts and trolleys at low speed (150 kg – 5 km/h)

\* Apply to flat and straight surfaces free from dust and grease. Do not bend.

## MATERIAL

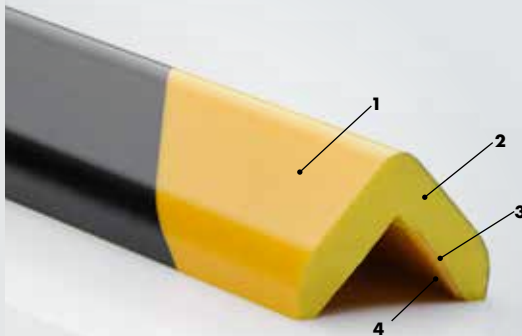
Outer skin

Core

Adhesive

Liner

1. TPU
2. Flexible high density PU foam
3. Acrylate (solvent free)
4. Silicone-free paper film



## INSTALLATION

### Pretreatment

Surfaces need to be clean, dry and degreased

Advised application temperature: 15 - 20 °C

### Advised environment

Concrete wall or pillar

Steel rack / Metal construction

Glass edge / Glass surface

### Installation instruction

Apply to flat and straight surfaces, do not bend.

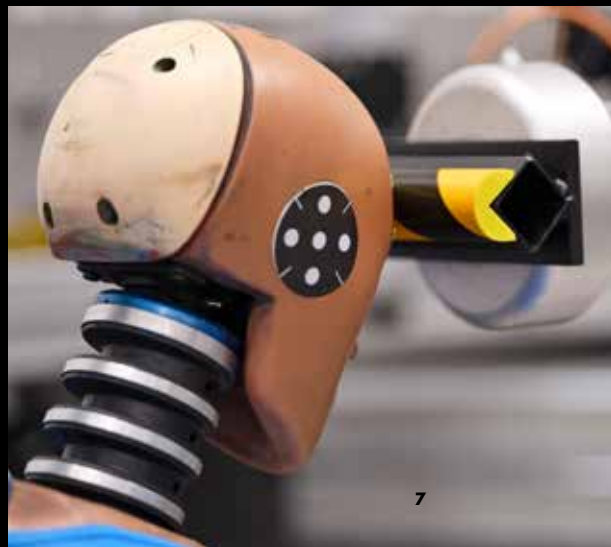
Remove liner and press firmly against surface  
for at least 5 seconds

## **SIZE, PHYSICAL AND CHEMICAL PROPERTIES**

Profile length	1 m (2 m on demand)	
Surface toughness	smooth surface	
Abrasion resistance	High	
Elasticity/flexibility	High	
Density	450 – 600 kg/m <sup>3</sup>	
Exposure to sunlight	Not intended for outdoor use	
Fire resistance	Class E	ISO 11925-2
Adhesive power	min. 35 N/25 mm	DIN EN 1939 (2003)
Hardness	50	Shore A
Salt environment	Continuous exposure	
Wet environment	Continuous exposure	
Petroleum/oil/kerosene	Limited exposure	
Benzene-toluene	Limited exposure	
Alcohols	Limited exposure (Ethanol, Methanol, Phenol)	
Alkaline solutions	Not recommended	
Acid solutions	Not recommended (Nitric acid)	
Solvents	Not recommended (Aceton, Formamide, Dimethyl sulfoxide)	

For further information about chemical resistance contact your local sales team

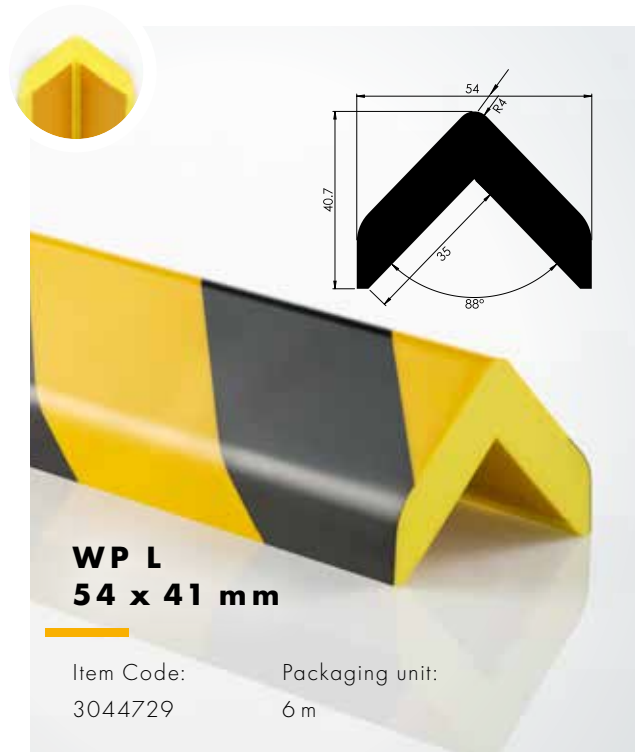








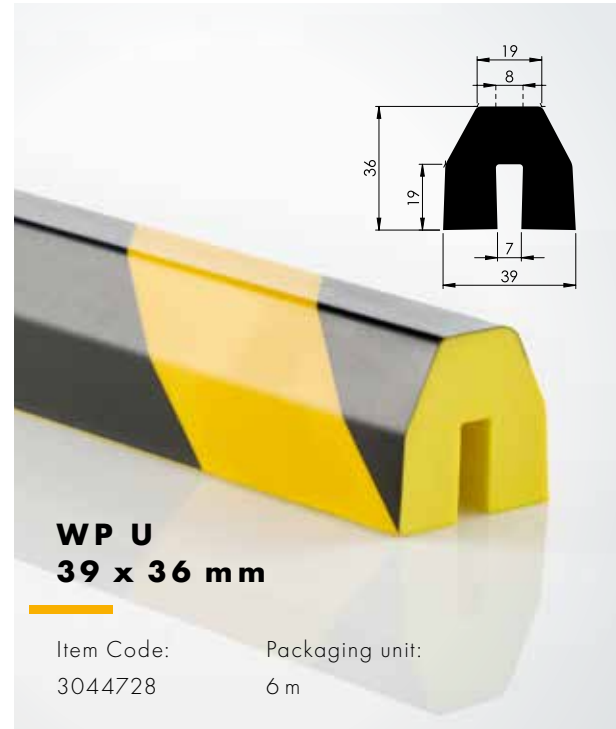
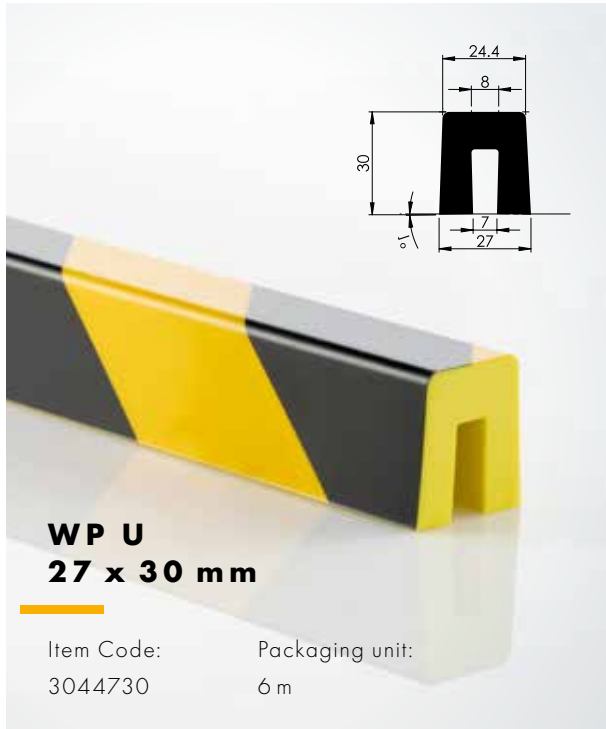
## Warning profiles



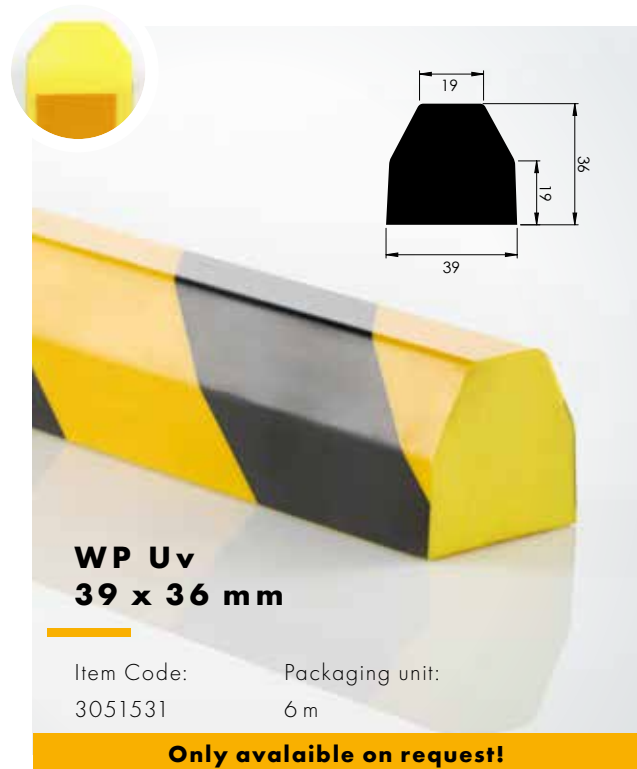
**NOMA® PROTECT**



## Warning profiles



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# REAL SIZE CROSS SECTIONS

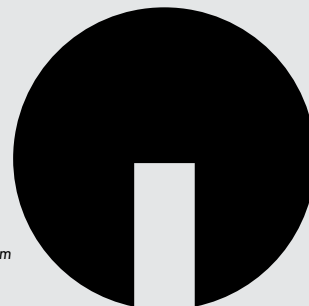
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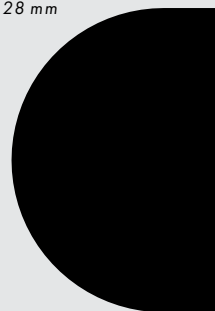
WPL 32 x 22 mm



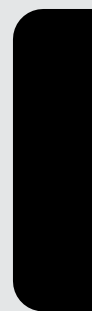
WPL 54 x 41 mm



WPO 40 x 40 mm

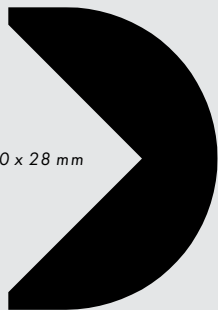


WPP 40 x 28 mm

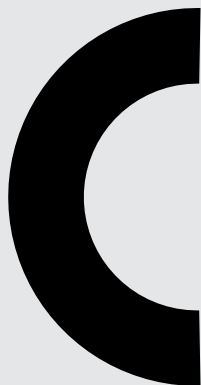


WPP 40 x 11 mm

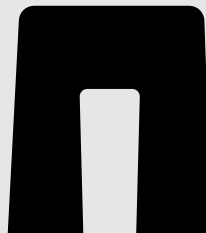
WPC 40 x 28 mm



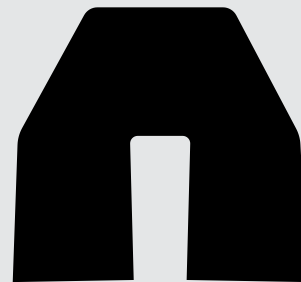
WPC 50 x 25 mm



WPU 27 x 30 mm



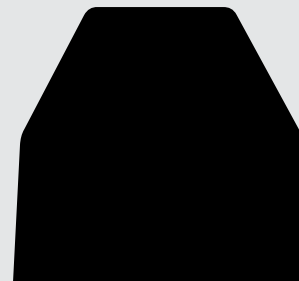
WPU 39 x 36 mm



WPUd 39 x 36 mm



WPUv 39 x 36 mm



**NMC sa**

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