



Effortless Integration for Comprehensive Traffic and Infrastructure Security

The FlexGuard™ Polymer Barrier range helps delineate and segregate pedestrian and vehicle traffic, shield infrastructure such as buildings, machinery and equipment, and integrate seamlessly with other physical barrier systems to create a robust, turn-key safety solution in the workplace.

No Single System Fits All

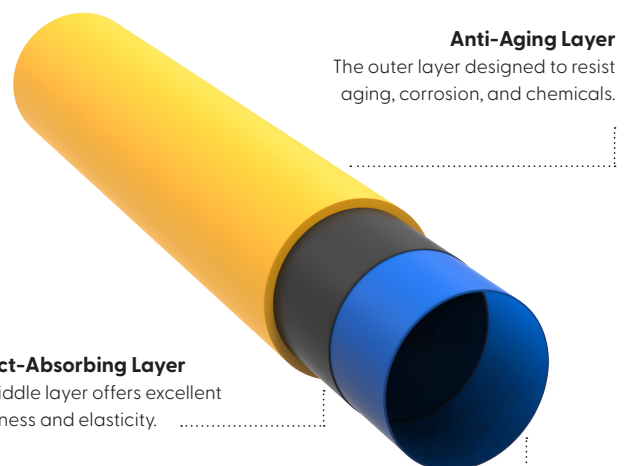
At Barrier Group, we understand that no single safety solution fits every application; that's why we offer a range of purpose-built barrier systems – giving you the flexibility to choose the right protection for your environment.

The FlexGuard™ Polymer Barrier Range is a flexible and modular system designed to protect valuable assets and pedestrians in industrial environments where material handling vehicles and equipment operate. Engineered with workplace safety and durability in mind, the range supports dynamic operations without compromising performance.



Triple-Layer Technology for Superior Impact Absorption

Impact-tested and designed to flex, absorb and rebound, The FlexGuard™ Polymer Barrier range is made from engineered Polymer blends across 3 distinct layers which allows for flexible recovery, enabling it to absorb energy upon impact and return close to its original shape. This unique material composition helps minimise damage to both the barrier and the impacting vehicle or equipment.



Anti-Aging Layer

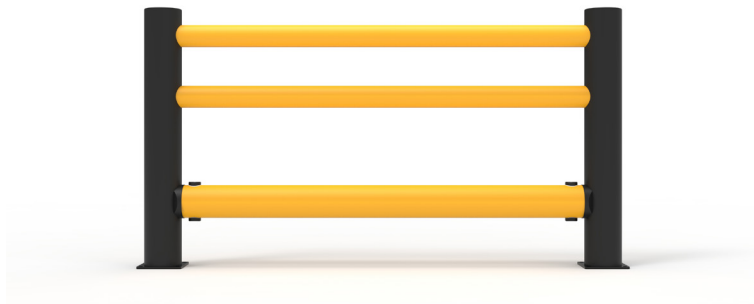
The outer layer designed to resist aging, corrosion, and chemicals.

Impact-Absorbing Layer

The middle layer offers excellent toughness and elasticity.

Support Strengthening Layer

The inner layer provides high resistance to deformation and ensures structural strength and stability for the entire barrier.



FlexGuard™ Triple Rail

FGTTP168, FGTEP168, FGTCPI68, FGRI00, FGRI48, FGTRCKIT

The FlexGuard™ Triple-Rail Polymer Traffic Barrier is engineered to safeguard pedestrians, assets and infrastructure from potential impacts by forklifts and other vehicles. The FlexGuard™ Traffic Barrier helps delineate and segregate pedestrian and vehicle traffic, shield infrastructure such as buildings, machinery and equipment, and integrate seamlessly with other physical barrier systems to create a robust, turn-key safety solution in the workplace.

Diameter: Post 168mm with 10mm WT, Beam 100mm with 7mm WT and 148mm with 7.5mm WT

Height: 1150mm, Top of Rail 1100mm

Base Plate: 200mm powder-coated steel square x 10mm thick

Fixings: M10 expansion bolts included

Use Case: Walkway and traffic segregation



FlexGuard™ 168mm Bollard

FGBI68Y

The FlexGuard™ Bollard protects equipment, guides traffic, and prevents collision damage from vehicles in industrial settings like doorways and corners.

Outside Diameter: 168mm with 9mm WT

Height: 1150mm

Base Plate: 200mm powder-coated steel

Fixings: M10 expansion bolts included

Deflection: 15 ° lean or 300mm

Use Case: Doorways, corners, entrances



FlexGuard™ 190mm Bollard

FGBI90Y

The FlexGuard™ Bollard protects equipment, guides traffic, and prevents collision damage from vehicles in industrial settings like doorways and corners.

Outside Diameter: 190mm with 11mm WT

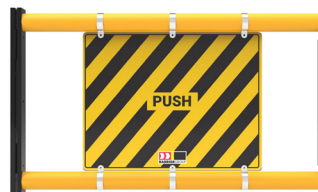
Height: 1150mm

Base Plate: 230mm powder-coated steel

Fixings: M12 expansion bolts included

Deflection: 15 ° lean or 300mm

Use Case: Doorways, corners, entrances



FlexGuard™ Swing Gate

FGSSG

The FlexGuard™ Swing Gate offers secure pedestrian access for indoor and outdoor industrial settings, prioritizing site safety and traffic separation.

Outside Diameter: 60mm with 5mm WT

Width: 1000mm

Height: 590mm

Fixings: Included

Use Case: Controlled access points



FlexGuard™ Floor Guard

FGFG1102Y

The FlexGuard™ Floor Guard offers low-level protection for walls, equipment perimeters, and various infrastructure, or acts as an additional layer alongside existing guardrails and safety systems.

Length: 2000mm (can be shortened)

Cap: Powder-coated steel end cap

Height: 110mm with 8mm WT

Fixing Points: 2

Fixings: M20 chemical anchors included

Use Case: Walls, Automated Guided Vehicle Area, charging station, staging area