

POLY-FLEX™
MOST DURABLE ROADSIDE SIGNPOST SOLUTION

DIMENSIONS AND SPECIFICATIONS

Width	61mm diameter (50nb)
Length	600mm, 900mm, 1200mm (other lengths available on request)

Poly-Flex™ flexible signposts, frames and bollards are passively safe roadside products that recover after repeated impacts. When hit by a vehicle they absorb impact, before recovering to their original position.

POLY-FLEX

Poly-Flex™ significantly reduces repetitive replacements and provides continuous signage display to enhance road user safety. Consider using Poly-Flex™ in high impact areas, including traffic islands, roundabouts, car parking areas, calming traffic points, pedestrian refuge islands, cycleway, warehouses and transport centres.

Delnorth Poly-Flex™ impact recovery sign posts are highly cost-effective and provide a safer road user environment through continuous sign display. When fitted with our Sign-Flex® flexible polycarbonate signs, Delnorth Poly-Flex™ products offer a complete solution for reducing ongoing high maintenance costs and road user safety concerns.

High-quality polyurethane and UV stabilisers are injection moulded at Delnorth manufacturing facilities to provide products with high impact resistance.



FEATURES & BENEFITS

- Very strong, flexible injection moulded polyurethane.
- Impact resistant posts and fixtures.
- Poly-Flex™ significantly reduces your organisation's sign replacement and installation costs.

DURABILITY

- 360° impact range
- Bends to over 90°
- Withstands multiple wheel overs
- -50° to + 60° thermal resistance
- UV stabilised/Colourfast

USES

- Bases, posts and fixtures support Sign-Flex® signs as well as traditional aluminium sign products.
- Superior to alternative metal products in high impact locations.

COMPLIANCE

The Flexible Bollard comply with Australian Standards AS1742.2–1994 and in accordance with the procedures specified in AS 1214 as well as the following:

- Queensland Department of Main Roads MRTS14 Dec13.
- New South Wales RMS D&C 3412 Dec13.
- VIC ROADS Traffic Eng. Manual Vol 2 Chapter 23 Dec 2001 clauses 23.1 to 23.2.2.
- Main Roads Western Australia specification 602 /2007 Clauses 601.01 to 602.149(b) as applicable.
- Tasmania Department of Infrastructure Energy and Resources R62.7.
- South Australia Department of Infrastructure Energy and Resources Instruction 2.17 clauses 3.1 to 3.3 and clauses 5 to 5.1.
- Northern Territory Road projects Division Traffic Control Devices Section.4.

Delnorth has ISO9001 accreditation - certificate can be supplied by request.

PHYSICAL PROPERTIES AND PERFORMANCE

The Delnorth Poly-Flex Bollard System is capable of retaining 85% of its colour, appearance and physical properties for at least five years when exposed to weather condition in both heat and cold.

This product complies with the widely accepted definition of a Flexible Bollard i.e. a bollard that deflects when impacted by a vehicle and then returns to a vertical position, without maintenance intervention. Additionally it shall not shatter into multiple parts on impact after being struck the bollard shall not project a dangerous impaling section.

ADDITIONAL FEATURES

DELINEATION – Delineation can be fitted front and rear of post for visibility to suit state and national specifications Class 1A 10,000mm² (50 x 200mm) or 5,000mm² (50 x 100mm)

PACKAGING – Bollards are separated with packing foam and palletised to suit. 90° is measured at 90N.