FLEXIBLE SPRINKLER DROPS

ACCESSORIES

ELITE PERFORMANCE OUTLET REDUCERS



Product Overview

GemFlex Elite Performance Series Outlet Reducers are designed to maximize flexibility and efficiency in fire sprinkler installations and provide a reliable solution for connecting flexible drops in tight or challenging spaces. The optional short and long elbow reducers creates a smooth 90-degree transition, making it easier to route sprinkler connections where clearance is limited.

These fittings can be quickly removed and installed to adapt to changing system requirements without replacing the entire assembly, helping contractors reduce material waste and improve installation flexibility. Precision-engineered for a secure, leak-free connection between flexible drops and sprinkler heads, GemFlex reducers deliver dependable performance and long-term reliability.

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UL Listed
File No. EX29684

FM APPROVED

Specifications

Material

ASTM A-53, Gr A

Tolerance

± 0.2

Thickness

12.7µm

Spec.

Zinc Plated

Coating Durability

No indication of peeling

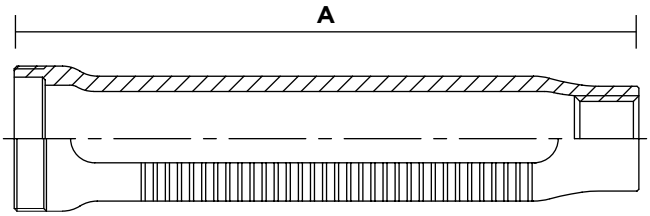
Anti-Corrosion

No indication of corrosion with salt spray test.

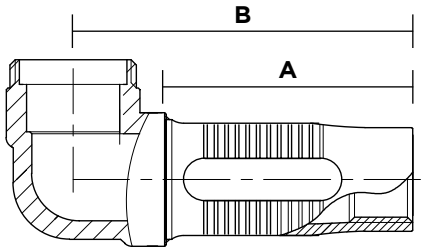
Key Benefits

- Quickly adapts to varying system requirements without replacing the full assembly.
- Ensures secure, leak-free connections between flexible drops and sprinkler heads.
- Simplifies field adjustments to reduce labor and installation costs.
- Optional Elbow Design – Provides a smooth 90-degree turn for installations where space is limited.

PROJECT INFORMATION	APPROVAL STAMP
Project:	☐ **Approved**
Address:	☐ **Approved as noted**
Contractor:	☐ **Not approved**
Engineer:	**Remarks:**
Submittal Date:	
Notes 1:	
Notes 2:	



GEMFLEX ELITE PERFORMANCE OUTLET REDUCERS				
Part Number	Hose ID (in.)	Dimension A (in.)	Connection	
			Inlet (in.)	Outlet (in.)
450-100-04800	1-1/4"	6"	1-1/4" NPT	1/2" NPT
450-100-04805	1-1/4"	7"	1-1/4" NPT	1/2" NPT
450-100-04810	1-1/4"	8"	1-1/4" NPT	1/2" NPT
450-100-04815	1-1/4"	9"	1-1/4" NPT	1/2" NPT
450-100-04820	1-1/4"	6"	1-1/4" NPT	3/4" NPT
450-100-04825	1-1/4"	7"	1-1/4" NPT	3/4" NPT
450-100-04830	1-1/4"	8"	1-1/4" NPT	3/4" NPT
450-100-04835	1-1/4"	9"	1-1/4" NPT	3/4" NPT



GEMFLEX ELITE PERFORMANCE ELBOW REDUCERS					
Part Number	Hose ID (in.)	Dimensions (in.)		Connection	
		A	B	Inlet (in.)	Outlet (in.)
450-100-04840	1-1/4"	2.8"	3.8"	1-1/4" NPT	1/2" NPT
450-100-04845	1-1/4"	6.3"	7.3"	1-1/4" NPT	1/2" NPT
450-100-04850	1-1/4"	2.8"	3.8"	1-1/4" NPT	3/4" NPT
450-100-04855	1-1/4"	6.3"	7.3"	1-1/4" NPT	3/4" NPT

For more information
Learn more about GemFlex's Elite Performance Outlet Reducers and other products available by visiting www.gemflex.com

GemFlex
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