

FIRE HOSE DELIVERY COUPLING – STAINLESS STEEL

Product Overview : The Fire Hose Delivery Coupling – Stainless Steel, supplied by Palladium Safety Solutions Pvt. Ltd., is a high-quality fire fighting component designed for reliable water delivery in emergency situations. Engineered for durability, efficiency, and compliance with BIS standards, this coupling ensures a secure connection between hoses for efficient water flow. With its robust construction and coated surface finishing, the coupling is suitable for harsh environments and extended operational life.

1. GENERAL DATA :-

Manufacturer	Palladium Safety Solutions Pvt. Ltd.
Trade Mark/Brand	“PALEX”
Type	Fire Hose Delivery Coupling
Reference Standard	IS:903



2. MATERIAL/TECHNICAL SPECIFICATIONS :-

Body Seat	LTB 2 (IS 318)
Rubber Washers	IS 937 (Type – A)
Spring	IS 7608
Surface Finishing	Coated

3. PERFORMANCE SPECIFICATIONS :-

Pressure Compatibility	Suitable for high-pressure water flow systems.
Leak-Proof Design	Ensures zero leakage under standard operating conditions.
Durability	Withstands repeated use without loss of performance.

4. FEATURES AND BENEFITS :-

- Durable Material – Constructed from stainless steel for superior corrosion resistance and long service life.
- Standards Compliant – Meets IS 903 standards, ensuring compatibility with fire fighting systems.
- Secure Connection – Provides leak-proof connections under high pressure.
- Smooth Operation – Coated surface finishing enhances durability and ease of handling.
- Low Maintenance – High-quality components reduce wear and tear during frequent usage.

5. APPLICATIONS :-

- Firefighting Systems – Ensures efficient water delivery in municipal and industrial fire safety operations.
- Industrial Use – Compatible with water distribution systems in factories, power plants, and warehouses.
- Emergency Services – Widely used in portable fire fighting units for reliable performance.

6. CONSTRUCTION DETAILS :-

- Body Material – High-grade stainless steel provides excellent strength and resistance to harsh conditions.
- Finish – Coated surface minimizes wear and tear while enhancing handling.
- Sealing Components – Rubber washers (IS 937) ensure leak-free connections even under high pressure.
- Threading – BIS- compliant design for seamless compatibility with other firefighting equipment.

7. PERFORMANCE STANDARDS :-

- Pressure Resistance – Designed to handle high water pressure without deformation or failure.
- Leak-Free Operation – Tested for zero leakage to maintain water flow integrity.
- Abrasion Resistance – Coated surface ensures resistance to wear and environmental conditions.

8. CERTIFICATIONS AND STANDARDS :-

- Compliance – Fully compliant with IS 903, certified by the Bureau of Indian Standards.
- Quality Assurance – Each unit undergoes stringent quality checks to meet performance and safety standards.

9. WARRANTY :-

12 Months from the date of supply. It includes manufacturing defects, material flaws. Excluded damages caused by misuse, improper maintenance, unauthorized repairs, or extreme external conditions.

PALLADIUM SAFETY SOLUTIONS PVT. LTD.

An ISO 9001 : 2015 Certified Company

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