BLAZE

FM APPROVED

Fire Hose

Model : BT-5801 / 5802 / 5803 / 5804 / 5805

Description:

The Lay-Flat Fire Hose is designed for reliable performance in high-pressure firefighting applications. Manufactured with a 100% virgin polyester jacket and a durable inner lining, it provides excellent strength, flexibility and long service life.
Its lightweight and flexible construction allows for quick deployment and easy handling during emergency operations. Available in Single Jacket and Double Jacket versions, the hose is suitable for a wide range of indoor and outdoor fire protection applications.

Specifications :

Colour	White - Standard (Optional - Red / Other Colours)
Approvals	FM Approved
Design Standard	Fire Hose Designed to FM 2111, 2131 Couplings - BS 336 (BS 336:2010) / NHT (NFPA 1963)
End Connection	Couplings - BS 336 (Standard) / NHT (Optional)
Length	Standard Length - 30 m (100 ft) Options available - 15m (50ft), 50m (165ft), 100m (330ft) (MOQ Applicable)

Accessories :

- Coupling : Aluminium (Standard) / Brass (Optional)
- Nozzle : Jet, Spray and Close, Rotary Type Aluminium / Plastic Construction as standard

Dimensions:

Model	Ordering Code	ID	Jacket	Lining Material	Max Working Pressure (psi)	Test Pressure (psi)
BT-5801	BT-5801-040-030-W/-R	1 ½”	Single	PU	250	500
BT-5802	BT-5802-040-030-W/-R	1 ½”	Double	PU	400	800
	BT-5802-048-030-W/-R	1 ¾”				
	BT-5802-065-030-W/-R	2 ½”				
BT-5803	BT-5803-040-030-W/-R	1 ½”	Single	EPDM	250	500
	BT-5803-048-030-W/-R	1 ¾”				
	BT-5803-065-030-W/-R	2 ½”				
BT-5804	BT-5804-040-030-W/-R	1 ½”	Double	EPDM	400	800
	BT-5804-048-030-W/-R	1 ¾”				
	BT-5804-065-030-W/-R	2 ½”				
BT-5805	BT-5805-040-030-W/-R	1 ½”	Single	PU	250	500

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Care and Maintenance :

The fire hose jacket is manufactured from a blend of natural and synthetic fibres and should be protected from abrasion, cuts and contact with rough or sharp surfaces during use.
Avoid exposing the hose to oils, acids, alkalis or other chemicals, as these may damage the hose material and reduce its service life.
To minimise the risk of hose failure, avoid sudden changes in water flow that can cause water hammer and excessive internal pressure. Regular inspection and proper handling will help ensure safe and reliable operation.

Storage Guidelines :

- Store fire hoses in a cool, dry and well-ventilated area, away from direct sunlight and chemicals.
- Do not store hoses in plastic bags or shrink wrap, as trapped moisture can cause mildew and deterioration.
- Store hoses flat or on single-layer racks whenever possible.
- If hoses are rolled for vehicle storage, position the male coupling on the inside of the roll to protect the threads.
- Rotate or reload stored hoses every 3 to 6 months to prevent permanent deformation and uneven wear.

Inspection and Testing :

- Inspect the fire hose before and after each use for cuts, abrasion, snags, heat damage, liner separation, damaged couplings or missing gaskets.
- Record and clearly identify any damaged hose for repair or removal from service.
- Carry out hydrostatic pressure testing at the intervals specified by local regulations or organisational procedures.
- Maintain records of all inspections, tests and maintenance activities for future reference.

Handling Guidelines :

- When dragging the hose, keep it flat to reduce abrasion and prevent damage to the jacket.
- Avoid dragging the hose when it is kinked or filled with water.
- Keep the hose away from oils, acids, alkalis and solvents. Clean the hose immediately if contamination occurs.
- Increase or reduce water pressure gradually to minimise water hammer and pressure shock.
- Protect hose couplings from impact and inspect the threads and gaskets after each use.

Cleaning and Drying :

- Clean the hose after each use by removing dirt and debris with a soft or medium-bristle brush, then rinse with clean, low-pressure water.
- Use a mild detergent only when required. Do not use solvents or high-pressure washers, as they may damage the hose jacket or lining.
- Allow the hose to dry completely before storage. Use a drying rack or hose tower whenever possible.
- Do not store the hose while it is damp or inside sealed containers.
- Avoid drying the hose in direct sunlight or on hot surfaces, as excessive heat and UV exposure can weaken the hose material.
- Remove all remaining water from the hose before storage by draining or using a hose roller.
- Ensure there is no water left inside the hose to prevent freezing or internal damage.
- Never store the hose with water remaining inside.

Daily Inspection Checklist

- Hose is free from cuts, burns, abrasion or liner damage.
- Couplings are secure and gaskets are in good condition.
- Hose is fully drained, clean and stored away from direct sunlight, chemicals and heat sources.

In accordance with NFPA 1962 , the rigorous care and maintenance of fire hoses throughout their service life is critical for ensuring operational reliability and firefighter safety.

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