

A-A-2281
November 6, 1984

COMMERCIAL ITEM DESCRIPTION

NOZZLE, FIRE HOSE, WATER (VARIABLE GALLONAGE, CONSTANT FLOW)

The General Services Administration has authorized the use of this commercial item description.

This description covers a multiple fixed constant gallonage nozzle with the ability to pre-select a gallonage tailored to fit the conditions of the moment. Nozzles shall be furnished in the following classes and styles, as specified.

Class A - Nozzles

Style	Size (inches)	Thread Size (inches)		Flow		Description
		Base	Tip	Min	Max	
1	1	1	-	10	30	Pistol Grip
2	1	1	-	10	30	Booster Nozzle
3	1-1/2	1-1/2	-	30	125	Leader Line
4	1-1/2	1-1/2	-	30	125	Pistol Grip
5	2-1/2	2-1/2	-	120	250	Direct Connect
6	2-1/2	1-1/2	-	120	250	For Playpipe
7	2-1/2	2-1/2	1-1/2	120	250	With Playpipe

Class B - Breakapart Nozzle

Style	Size (inches)	Thread Size (inches)		Flow		Description
		Base	Tip	Min	Max	
1	1-1/2	1-1/2	1-1/2	30	125	Leader Line
2	2-1/2	2-1/2	1-1/2	120	250	With Playpipe
3	2-1/2	1-1/2	1-1/2	120	250	Direct Connect
4	2-1/2	2-1/2	1-1/2	120	250	For Playpipe

Class C - Breakapart Tips

Style	Size (inches)	Thread Size (inches)		Flow		Description
		Base	Tip	Min	Max	
1	1-1/2	1-1/2	-	30	125	Leader Line
2	2-1/2	1-1/2	-	120	250	For Playpipe

Salient characteristics

Shall be made of brass, chrome plated.
 Shall be able to change flow or flush without shutting down.
 Shall be able to change flow without changing pattern.
 Shall be approved for use with non-protein/synthetic and aqueous film-forming foam (AFFF).
 Shall deliver same gallonage for straight stream, narrow or wide fog.
 Shall provide a minimum of three gallonage selections.
 Playpipe handles shall swivel.
 Shall be capable of using foam eductor.
 Both nozzles and break apart nozzles shall be provided with ball-type shut-offs.
 All Class A nozzles, except for styles 1 and 2, shall be provided with rocker lugs and a free swiveling base, unless otherwise specified. For styles 1 and 2 the base is optional with the manufacturer.

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All Class B and C nozzles shall have rocker lugs and a rigid or swivel base (manufacturer's option).

Nozzles shall be designed and rated for an inlet pressure of 100 psi.

All threads to be of the NH series unless otherwise specified.

Workmanship. Nozzles shall be free of defects which may affect the durability, appearance or serviceability.

Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Preservation, packaging, packing, labeling, and marking. Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Note. When this commercial item description is used for procurement the commercial item certification clause must appear in the solicitation.

Purchaser shall specify class and style.

MILITARY INTERESTS:

PREPARING ACTIVITY:

Review Activity

GSA - FSS

Army - ME