

SEVERE DUTY MINING PRODUCTS

AKROFOAM NOZZLE - STYLE # 4470



AkroFoam Self-Educting Master Stream Nozzle

The Akron Brass Company introduces the New Style 4470 AkroFoam Self-Educting Master Stream Nozzle. This new nozzle is a fixed gallonage nozzle with flow settings at 350, 500, 750 and 1000gpm (1325, 1900, 2900 and 3800lpm) and is adjustable from a straight stream to wide fog. The Style 4470 AkroFoam is capable of educting foam at 1%, 3% and 6% at the 350 and 500gpm flow settings, and 1% and 3% foam at the 750 and 1000gpm flow settings. The nozzle comes with a 2.5" swivel inlet factory set at 500gpm with a standard 9' UV resistant pickup hose assembly. Additional options are available for a screened inlet, foam shutoff valve, and a drum pickup kit. The AkroFoam self educting nozzle is ideal for use in fixed site applications where rapid foam application is critical in saving time and protecting property.

FEATURES

- Nozzle and Eductor in one compact design
- 350, 500, 750 and 1000gpm flow settings
- 1%, 3% and 6% metering orifices
- Superior Stream Performance & Reach
- All Brass Construction
- Manual Pattern Control
- 2 1/2" Swivel Inlet

Length: 12 3/8"

Weight: 26 lbs.



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How to Specify:

A fixed gallonage self educting nozzle with brass construction. The unit shall have a 2 1/2" swivel inlet capable of flows at 350, 500, 750 and 1000gpm settings (1325, 1900, 2900 and 3800lpm) and be adjustable from straight stream to wide fog. The unit must have a built in foam eductor capable of educting foam at 1%, 3% and 6% at the 350 and 500gpm flow settings, and 1% and 3% foam at the 750 and 1000gpm flow settings. The unit shall utilize a pickup hose constructed of UV resistant material with a 90° elbow connecting the hose to the pickup tube. The unit shall have an option for a quarter turn shutoff in the pickup assembly as well as an option for a drum pickup kit. The nozzle shall have a grease fitting for easy lubrication, and must not weight more that 26 lbs or exceed 12 3/8" in length.

Reach Data

| FLOW SETTING (GPM) | NOZZLE PRESSURE (PSI) | EFFECTIVE REACH | OVERALL REACH | FOAM % | EFFECTIVE REACH W/ FOAM | OVERALL REACH W/ FOAM |
|--------------------|-----------------------|-----------------|---------------|--------|-------------------------|-----------------------|
| 350 | 75 | 100 | 110 | 3% | 120 | 135 |
| | 100 | 135 | 150 | | | |
| | 125 | 135 | 150 | | | |
| 500 | 75 | 130 | 140 | 3% | 135 | 150 |
| | 100 | 150 | 160 | | | |
| | 125 | 150 | 160 | | | |
| 750 | 75 | 160 | 175 | 3% | 155 | 170 |
| | 100 | 185 | 200 | | | |
| | 125 | 210 | 225 | | | |
| 1000 | 75 | 180 | 200 | 3% | 175 | 200 |
| | 100 | 225 | 240 | | | |
| | 125 | 230 | 245 | | | |

Foam Pickup Rates

| PICKUP RATE WITH WATER | | | |
|--------------------------|------------|------------|------------|
| Flow (gpm) | 1% Setting | 3% Setting | 6% Setting |
| 350 | 1.1% | 3.4% | 7.3% |
| 500 | 1.2% | 3.6% | 6.8% |
| 750 | 1.3% | 3.4% | NA |
| 1000 | 1.2% | 3.4% | NA |
| Pickup Rate with 3% AFFF | | | |
| 1000 | NA | 3.0% | NA |



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