North Carolina Department of Agriculture & Consumer Services
N.C. Forest Service

Steven W. Troxler
Commissioner

Scott Bissette
Assistant Commissioner

100 Years of Protecting, Managing & Promoting North Carolina's Forests

N.C. Forest Service
2411 Old US 70 West
Clayton, NC 27520
919-553-6178 Ext. 221

July 31, 2015

Dear Fire Chief:

The N.C. Forest Service (NCFS) is pleased to offer the Volunteer Fire Assistance Award Program this year. This program is for NC fire departments serving a population of less than 10,000 people. This award program will be provided to qualifying departments chosen during the selection process for purchasing wildland firefighting personal protective equipment, hand tools and approved water handling items. Fire departments that are chosen for this program could receive up to a maximum of $1,200.00 in matching funds to purchase eligible items. The ability for fire departments to purchase Wildland PPE, hand tools and water handling equipment will provide for increased firefighter safety, more efficient suppression operations and will increase the number of properly equipped firefighters in our state.
Enclosed is an application with the program guidelines and instructions. ***Please read the guidelines and instructions before completing the application.*** If your department serves a population of less than 10,000 people and you are interested in purchasing Wildland PPE, hand tools and/or water handling items through this award program, complete the application and return it to us at the address listed above.
All applications must be postmarked by September 4, 2015.

The N.C. Forest Service appreciates the outstanding service you provide to the citizens of your response area, and the assistance provided to our agency. We are very pleased to be able to offer this program to the fire departments in N.C. We look forward to working with you in the future in protecting our citizens and natural resources.

Respectfully,

Greg Hicks

Greg Hicks
Fire Chief
N.C. Forest Service

N.C. FOREST SERVICE
VOLUNTEER FIRE ASSISTANCE AWARD PROGRAM
GUIDELINES AND INSTRUCTIONS

Please read all of the guidelines below before completing the application

This assistance program administered by the N.C. Forest Service (NCFS) is designed to provide financial assistance to fire departments in NC serving a population of less than 10,000 people for purchasing wildland personal protective equipment (PPE), fire shelters, hand tools and water handling items designed for use while suppressing wildland fires. All fire departments awarded funds under this program shall comply with the following requirements. Failure to comply with these guidelines will forfeit your eligibility for funding and will result in your reimbursement of any or all funds received by your department to NCFS.

Applications must be completed entirely in order to be considered for this program. Incomplete applications will be rejected, and will not be considered for this year's assistance program.

1 – This Award Program will only allow funding for the purchase of the approved items that are listed below:

Personal Protective Clothing/Equipment

Wildland Helmet	Fire Shirt/Jackets	Fire Pants	Wildland Gloves
Wildland Goggles	Fire Shelter Harness/carrier	Fire Shelters	Fireline Pack
Face and Neck Shroud(No Hotshields)		Chainsaw Chaps	*Coveralls (One piece garment)

**Coveralls are not available through the NCFS GSA purchasing program and would have to be ordered from another vendor.*

Wildland Fire Hand Tools

*Fire Swatter/Flap	Axe	Combination Tool	Pulaski Tool
McLeod Rake	Fire Rake	Forest Fire Shovel	

**Fire Swatters and Axes are not available through the NCFS GSA purchasing program and would have to be ordered from another vendor.*

Water Handling Items

Backpack Pump	1 ½ " or less Hose
1 ½ " or less Nozzles	1 ½ " or less Hose Adapters, Increasers, Decreasers
Pack Sack (to transport hose fittings)	1 ½" of less Gaited Wye Valves

2 - The PPE purchased must meet the current requirements of NFPA 1977 (2011 edition) Standard for Protective Clothing and Equipment for Wildland Fire Fighting. ***No clothing made from Fire Resistant Cotton (FR Cotton) will be purchased with these funds. All clothing must be made from a flame inherent / resistant fiber or material (Nomex®, Aramid, etc.).*** Fire Shirts shall not contain less than 5.5 oz./sq. yd. of flame inherent fabric or they will not be approved under this program. Fire Pants shall not contain less than 6.0 oz./sq. yd of flame inherent fabric or they will not be approved under this program. One piece Coveralls/Jumpsuit shall not contain less than 6oz./sq. yd. of flame inherent fabric or they will not be approved under this program.

3 – The maximum amount of funding requested by any fire department shall not exceed $1,200.00.

Fire Department 50% = $1,200.00
NCFS 50% = $1,200.00 Maximum
Tota = $2,400.00

4 – Fire Departments receiving funds under this program shall comply with all Federal Statutes relating to nondiscrimination and all applicable requirements of all other Federal laws, Executive orders, regulations, and policies. These include but are not limited to:

> Title VI of the Civil rights Act of 1964 (40 U.S.C. 2000d), which prohibits discrimination on the basis of race, color, disability, or national origin;
> Title IX of the Education amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; and Section 504 of the Rehabilitation Act of 1973 as amended (29 USC 794) which prohibits discrimination on the basis of disabilities.
> In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.) To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 220250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

5 – On the bottom portion of the application, please list an estimated total cost of eligible items that you intend to purchase with these funds if awarded funding through this program. *(maximum total amount allowed is $2400)*

6 – No orders should be submitted to us or placed by a fire department prior to receiving award notification. Also, invoices will not be accepted that are dated prior to award notification.

7 – NCFS offers a GSA Purchasing Program for NC Fire Departments in which most of the items authorized for purchase with this assistance program funding are available with the exception of coveralls, fire swatters and axes. If your department is awarded this funding, a GSA Information Sheet and Order Form will be sent to you with your award notification letter for your use if you choose to purchase your items from our GSA Purchasing Program. If your department is awarded funding and you decide to purchase your items through our GSA Purchasing Program, you will be invoiced for 50% of your total purchase once you have received delivery of your items. More information on the NCFS's GSA Purchasing Program for Fire Departments is also available on our web site at http://ncforestservice.gov/fire_control/fc_gsa.htm.

> **** Please note that GSA prices can change at any time during the year due to contract changes. Therefore, the GSA prices that are on the enclosed price list may be slightly different at the time that you place your order. Since NCFS has no control over the pricing set by GSA, you will be responsible for any differences exceeding your 50% share. Also, there are no returns or exchanges allowed with the GSA Purchasing Program.***

If your department chooses to purchase approved items from sources other than the NCFS GSA purchasing program, then the following requirements must be met before the NCFS will reimburse your 50% portion:

- Vendor must be paid in full by your department for the items purchased.
- A copy of the itemized invoice **and** copy of the cancelled check or bank statement for the items purchased must be submitted to NCFS at the address listed below in section 9.
- Items purchased must be available for inspection by a NCFS.

8 – All completed applications for this Award program must be postmarked by **September 4, 2015.** No faxed copies accepted. A notification letter will be sent to you advising you if funding will be awarded to your fire department or not.

9 - Send all applications to the following address:

N.C. Forest Service
Griffith's Forestry Center
2411 Old US 70 West
Clayton, NC 27520
Attn: VFAP Award Program

10 – For inquiries or additional information regarding this assistance program, please contact your local County Ranger, District Ranger, the State VFAP Coordinator's Office at (919) 553-6178 Ext. 221, or visit our web site at http://ncforestservice.gov.

N.C. FOREST SERVICE
VOLUNTEER FIRE ASSISTANCE AWARD PROGRAM APPLICATION
***Please read all the guidelines and instructions before completing this application**

Department Name _____

County _____

Fire Dept Federal Tax ID# *(required)* _____

Fire Department Mailing Address

_____

_____

City _____ State _____ Zip Code: _____

Chief's Name _____

Chief's email _____

Daytime Phone# _____

Evening Phone# _____

Population served by this dept.* _____

**Must be less than 10,000 per Federal Guidelines*

****IF LEFT BLANK, APPLICATION WILL BE DECLINED.***

Total Operating Budget last year: _____

This Department is: (check one)

Private Non-Profit ☐ City Agency ☐ County Agency ☐

Other (Explain) _____

Is this department all volunteer? Yes ☐ No ☐

Number of Active Members: _____

Number of Paid Personnel: _____

Total Yearly Salary Paid last year: _____

Salary Paid by: Department ☐ County/Other ☐

# of fire stations including main and sub-stations: _____

Does this department have a fire tax district?: Yes ☐ No ☐

If answer is Yes, What rate? _____ per _____

Percentage of calls last year that were woods/brush fires?: _____

Do members of your department participate on a NCFS pre-arranged fire crew?
Yes ☐ No ☐

Is your department willing to respond mutual aid to adjacent counties or other parts of NC to assist the NCFS with suppressing wildland fires if requested during periods of high fire occurrence?:
Yes ☐ No ☐

What percentage of your members currently have Wildland PPE available to them when needed?: _____

List all grant funds (excluding NC Forest Service funds), amount and source received by this dept. in the past two years:

Amount	Source of grant	Used for

This applicant certifies that to the best of his/her knowledge, all information provided in this application is true and correct. This applicant agrees to abide by the guidelines of this program and understands that the NCFS reserves the right to request additional information. Failure to comply with program guidelines will result in forfeiture of any or all funds received by the department.

_____ | _____
Signature of Chief Date

List below how much funding you would like to request if awarded.
Only the purchase of items listed in section 1 of the guidelines qualify for this program.

Total funding requested *(max $2400.00)*	$
50% -Fire Dept's portion	$
50% - NCFS's Portion*(max $1200.00)*	$

DO NOT SUBMIT AN ORDER WITH THIS APPLICATION. WE DO NOT NEED A LIST OF ITEMS YOU PLAN TO ORDER.
Application Deadline is September 4, 2015.

Mail applications to:
N.C. Forest Service
2411 Old US 70 W
Clayton NC 27520
Attn: VFAP Award Program
NO FAXED COPIES ACCEPTED.

GSA PURCHASING PROGRAM FOR FIRE DEPARTMENTS
ITEMS APPROVED FOR PURCHASE THROUGH NCFS'S 2014 AWARD PROGRAM

If you have questions concerning these items please call 919-553-6178 Ext. 221

SAFETY GOGGLES

Low profile design goggles protect against chemical splash and impact. Toric lens provides superior optics and peripheral vision. Soft elastomer seal on frame seals goggles to face while providing enhanced comfort. Impact Resistant, clear polycarbonate lens absorbs over 99.9% of harmful UV light. Quick-adjust headband. Meets ANSI Z87.1. Uvex model Stealth S3960C.**(NFES# 0318) 4240-01-504-7863.PR $12.22**

WILDLAND FIREFIGHTER HELMET

Cap style helmet with peak includes 3 non-metallic headlamp/ goggle retainer clips and 4 retro-reflective strips. Four-point suspension headband with crown straps, sweatband, and nape devise with slide tab system at back for size adjustment. Three strips of hook fastening tape on inside of helmet for attaching a face-and-neck shroud. Adjustable chin strap. Fits head sizes 6 ½ to 8. Approved for use on wildland fire lines by USDA Forest Service. Conforms to NFPA 1977.
(NFES #0109) 8415-01-055-2265.....EA $33.08

WILDFIRE FH911 SERIES HELMETS

Specifically engineered to meet the requirements of Wildland firefighters. Available in cap and hat(full brim) styles, the FH911 Series helmets include goggles retainer clips, Scotchlite reflective strips, a ratchet suspension system, and a postman's slide chinstrap. Includes three strips of hook fastening tape for attaching a face and neck shroud (NSN 8465-01-483-6075). Bullard's Wildfire FH911 Series helmets meet and exceeds the specifications of NFPA 1977-1998. Fits head sizes 6 ½ to 8.

Cap Style.

(NFES # 0723) – Red
8415-01-504-9044.....$38.73
(NFES # 0724) – White
8415-01-504-9045.....$38.73
(NFES # 0722) – Yellow
8415-01-504-9042.....$38.73

Hat Style (Full Brim)

(NFES # 0922) – Red
8415-01-504-9048.....$55.07
(NFES # 0923) – White
8415-01-504-9050.....$55.07
(NFES # 0921) – Yellow
8415-01-504-9047.....$55.07

FIRE SHELTER SYSTEM (M-2002)

New-generation fire shelter provides increased protection from radiant and convective heat in wildland firefighter entrapment situations. **Includes fire shelter, carrying case & liner.**
(NFES# 0925) 4240-01-498-3194..... EA $283.88
(NFES# 0975) 4240-01-527-5248...Lar. EA $349.71

FIRE SHELTER HARNESS

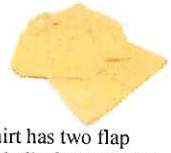
Black nylon webbing harness is designed for carrying a fire shelter on the user's chest. Features straps over the shoulders and around the chest. The shelter fastens to a horizontal hanger. **(NFES# 0294) 8465-01-463-4648.....EA $14.28**

GLOVES

Heavy duty cowhide gloves for use on fire lines, can also be used in general forest work.

(NFES# 1293) X-Small 8415-01-394-0208.. PR$14.21
(NFES# 1294) Small 8415-01-394-0209.. PR $14.21
(NFES# 1295) Med. 8415-01-394-0210.. PR $14.21
(NFES# 1296) Large 8415-01-394-0215..PR $14.21
(NFES# 1297) X-Large 8415-01-397-3937..PR $14.21

FIRE SHIRT



Bright Yellow, flame resistant, 5.5 oz Aramid shirt for use by wildland firefighters as a safety garment. This shirt is single Breasted with button front, rolled collar and straig ht- cut bottom. Shirt has two flap closing breast pockets and hook and pile fasteners for pockets and cuffs. Meets requirements of NFPA 1977.

$76.20 each

(NFES# 0522) X-Small *(13½ x 31)*
8415-01-211-6316

(NFES# 0577) Small *(14½ x 32)*
8415-00-233-5818

(NFES# 0511) Small-Long *(14½ x 33)*
8415-01-434-0618

(NFES# 0578)Medium *(15½ x 33)*
8415-00-233-5819

(NFES# 0569) Medium-Long *(15½ x 34)*
8415-01-421-3905

(NFES# 0579) Large *(16½ x 34)*
8415-00-259-8718

(NFES# 2078) Large-Long *(16½ x 36)*
8415-01-285-3530

(NFES# 0580) X-Large *(17½ x 35)*
8415-00-259-8722

(NFES# 2079) X-Large-Long *(17½ x 37)*
8415-01-284-7500

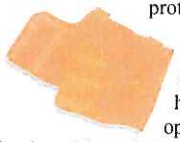
(NFES# 0570) XX-Large *(18½ x 36)*
8415-01-421-3907

(NFES# 0512)XX-Large-Long *(18½ x 37)*
8415-01-434-0626

(NFES# 2910)XXX-Large (19½ x 37)
8415-01-533-1740

(NFES# 2911)XXX-Large –Long (19½ x 38)
8415-01-533-2435

WILDLAND FIREFIGHTER FACE & NECK SHROUD



Flame-resistant face and neck shroud protects lower face and neck of wildland firefighters from radiant heat. Shroud extends approx. 10" below helmet; encircles head leaving 6" wide by 4" deep opening for eyes. Closes in front with hook-and-loop fastener tape. One Size. Washable. Yellow.
(NFES# 1274) 8415-01-483-6075..... .EA $25.49

WILDLAND FIREFIGHTER'S PANTS

Note*Due to new changes in specifications and contract Type I BDU's are both lighter in color and fabric weight.*** *Customers may receive either the color of spruce green or sage green with the lighter fabric. BDU-style flame-resistant pants include waist-adjustment buckles, cuff hook-and-loop adjustment straps and cargo pockets. Wildland firefighter safety garment is made from a 6.7-oz, twill weave, Meta-Aramid (Nomex) blend material. The BDU Pants can accommodate a 2" wide belt. Forest Service Spec 5100-92.*

$71.32 each

(NFES# 2737)Waist 24"-28"x 30"
8415-01-591-6932

Example of color changes.

(NFES# 2738) Waist 24"-28"x 33"
8415-01-591-6925

(NFES# 2700) Waist 26"-30"x 34" Inseam
8415-01-464-4242

(NFES# 2701)Waist 28"-32" x 34" Inseam
8415-01-464-4247

(NFES# 2702)Waist 30"-34"x 34" Inseam
8415-01-464-4244

(NFES# 2703)Waist 32"-36" x 34" Inseam
8415-01-464-4248

(NFES# 2704)Waist 34"-38" x 34"Inseam
8415-01-464-5742

(NFES# 2705)Waist 36"-40" x 34"Inseam
8415-01-464-5621

(NFES# 2706)Waist 38"-42" x 34"Inseam
8415-01-464-5624

(NFES# 2707)Waist 40"-44" x 34"Inseam
8415-01-464-5645

(NFES# 2846) Waist 44"x48"x33" Inseam
8415-01-537-4984

(NFES# 2800)Waist 26"-30" x 30"Inseam
8415-01-464-2282

(NFES# 2801)Waist 28"-32"x30"Inseam
8415-01-464-3672

(NFES# 2802)Waist 30"-34"x30"Inseam
8415-01-464-3671

(NFES# 2803)Waist 32"-36"x30"Inseam
8415-01-464-3676

(NFES# 2804)Waist 34"-38"x30"Inseam
8415-01-464-3677

(NFES# 2805)Waist 36"-40"x30"Inseam
8415-01-464-3678

NFES# 2806)Waist 38"-42"x30"Inseam.
8415-01-464-3673

(NFES# 2807)Waist 40"-44"x30"Inseam
8415-01-464-3675

(NFES# 2842)Waist 44"-48"x30"Inseam
8415-01-537-4981

(NFES# 2841)Waist 26"-30"x36"Inseam
8415-01-537-4986

(NFES# 2843)Waist 28"-32"x36"Inseam
8415-01-537-4982

(NFES# 2844)Waist 30"-34"x36"Inseam
8415-01-537-4983

(NFES# 2845)Waist 32"-36"x36"Inseam
8415-01-537-4985

(NFES# 2847)Waist 34"-38"x36"Inseam
8415-01-537-5677

(NFES# 2848)Waist 36"-40"x36"Inseam
8415-01-537-5681

(NFES# 2849) Waist 38"-42"x36"Inseam
8415-01-537-5678

(NFES# 2850)Waist 40"-44"x36"Inseam
8415-01-537-5679

(NFES# 2851)Waist 44"-48"x36"Inseam
8415-01-537-5680

Please note that Wildland Coveralls are an approved item, however they are not available through the NCFS GSA Purchasing Program.

Fire Line Combination Tool

Combination pick and shovel that can be folded for easy transport. Similar to army entrenching tool with 40" handle and serrations on shovel edges for cutting light
brush. Intended for use on wildland fire lines and for general forest work and trail maintenance.
(NFES# 1180)
5120-01-240-2120.....EA $69.72

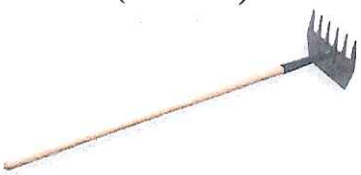
Fireline Pack Complete

Gear carrier is designed for use by wildland firefighters. Fireline Pack Includes a main compartment measuring approx. 1,000 cu in, with top rain skirt allowing expansion), two side pockets (which can hold two one qt water bottles ea), two lid pockets, two fusee pockets and a belt pocket (all totaling 2,100 cu in). Bottom-mounted fire shelter sleeve can accommodate either a new or old design fire shelter. Lumbar style pack hangs low on back for improved line digging ergonomics. Includes two canteen cases and a stuff sack. Blue
(NFES# 0674)
8465-01-503-4484...EA $ 125.82

Pulaski Tool

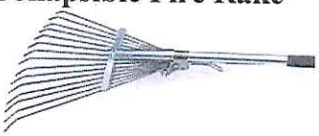
Axe and hoe combination, fireline digging and chopping tool. Cutting edges: hoe 3-3/8"; axe 4 ½". Comes w/orange sheath.
(NFES# 0146)
5120-00-293-3467.....EA $55.46

Forest Fire (McLeod) Rake



Rake and hoe combination; Fireline digging tool. Hoe and rake edges are 11" wide. Comes with orange sheath.
(NFES# 0296)
4210-00-203-3512.....EA $87.32

Collapsible Fire Rake



Collapsible metal rake for use on fireline. Stainless steel tines extend to 16" width. Foam grip handle. Length 59.5"(extended) and 49.4"(collapsed). Weight 3.3 lbs.
(NFES #0659)
4210-01-387-1392.....$93.82

Forest Fire Shovel

Designed especially for wildland fire fighting. Solid Shank. Straight handle. Special shape size #1 with forward step. Comes with orange sheath.
(NFES# 0171)
5120-00-965-0609.....EA $57.77

Forest Fire (Rake & Cutting Tool)

Council or Rich tool. Fireline digging, triangular cutting heads on hoe-type frame 12" wide, straight handle 52" long.
(NFES# 1807)
4210-00-540-4512.....EA $78.25

CHAINSAW CHAPS

Heavy duty chaps designed specifically to protect against chainsaw cuts.Cut resistant nylon duck shells are padded with 5 layers of aramid fillers.
Chaps cover front and sides of legs from waist to mid-calf and are secured with adjustable waist belt and leg straps. Has tool pouch . For proper fit, select chaps length to cover from normal waist to at least 3 inches below boot top. Orange.

32" Long **(NFES# 0045)**
8415-00-286-7507.....PR $84.04

36" Long **(NFES# 0078)**
8415-01-028-5575.....PR $84.04

40" Long **(NFES# 0150)**
8415-01-294-7717.....PR $84.04

Please note that the Fire Swatter/Flap and Axe are approved items, however they are not available through the NCFS GSA Purchasing Program.

Wildland Firefighter's Kevlar Pants

Light Spruce Green BDU style include waist adjustment buckles, cuff hook and loop adjustments straps and cargo pockets. Wildland firefighter flame resistant pants are made from 7.0 oz/sq. yd, rip-stop weave, Para-Aramid (Kevlar) blend material. The BDU pants can accommodate a 2" wide belt.

$137.47 each

(NFES# 2945)
Waist 30"-34"x33"Inseam
8415-01-559-3543

(NFES# 2958)
Waist 32"-36"x30"Inseam
8415-01-559-3549

(NFES# 2946)
Waist 32"-36"x33"Inseam
8415-01-559-3544

(NFES# 2959)
Waist 34"-38"x30"Inseam.
8415-01-559-3541

(NFES# 2947)
Waist 34"-38"x33"Inseam.
8415-01-559-3547

(NFES# 2963)
Waist 36"-40"x30"Inseam
8415-01-559-3546

(NFES# 2948)
Waist 36"-40"x33"Inseam
8415-01-559-3548

(NFES# 2956)
Waist 28"-32"x 30" Inseam
8415-01-559-3545

(NFES# 2944)
Waist 28"-32" x 33" Inseam
8415-01-559-3540

(NFES# 2957)
Waist 30"-34"x 30" Inseam
8415-01-559-3452

(NFES# 2954)
Waist 26"-30" x 30" Inseam
8415-01-591-6926

(NFES# 2955)
Waist 26"-30" x 33"Inseam.
8415-01-591-6928

(NFES# 2964)
Waist 38"-42" x 30"Inseam
8415-01-591-6929

(NFES# 2966)
Waist 40"-44" x 30"Inseam
8415-01-591-6930

(NFES# 2965)
Waist 38"-42" x 33"Inseam
8415-01-591-6933

(NFES# 2967)
Waist 40"-44"x33"Inseam
8415-01-591-6934

**Note: NO RETURNS OR EXCHANGES ALLOWED.
Please make sure that the hose, adapters, etc that you order will work with your existing fittings.

Backpack Pump Complete Unit

Complete backpack pump outfit includes 5 gallon suppression bag, 2 liners, quick-disconnect fittings, connector hose, and handheld single acting trombone style pump. This is a combination of NSN's 4320-00-595-0762 and 8465-01-321-1678. Straps are included. **(NFES# 1149)**

4320-00-289-8912.....EA $147.03

Synthetic Garden Hose

Lightweight hose as a woven synthetic jacket and is lined. 200 p.s.i. operating pressure. 5/8" diameter hose has a ¾"-11-1/2" NH threaded coupling (equivalent to standard garden hose threads). To be used for mop-up operations, pumper protection and misc. applications. **(NFES# 1016)**

4210-01-167-1061...50'.....LG $36.28

Synthetic Lined Fire Hose

Lined synthetic woven jacket hose, lightweight, 100ft. lengths, with aluminum rocker lug couplings. Working pressure 450 p.s.i. 1" diameter hose has a 1" NPSH threaded coupling. **(NFES# 1238) 1" NPSH**

4210-01-166-8122...100'...LG $133.73

1-1/2" diameter hose has a 1-1/2" NH threaded coupling. **(NFES# 1239) 1-1/2" NH**

4210-01-165-6597...100'...LG $166.30

Fire Hose Nozzle

Shut off type with two outlets. Combination fog and straight-stream nozzle. Both outlets have 3/4" GHT threads. Comes with two tips: 3/16 " (10 gpm) straight stream and a 3 gpm spray tip. Inlet is 1" NPSH female. Selector goes from spray to straight, to off. Aluminum nozzle. Tips may be brass or aluminum. **(NFES# 0024)**

4210-00-640-1892.....EA $126.06

Packsack

Packsack is intended for use in a wide variety of field related activities, including Wildland Fire Suppression. The top of the packsack closes with a drawstring and a zippered pocket flap. Includes shoulderstraps and a chest strap. Dark green heavy duty nylon duck cloth.
(NFES# 0744)

8465-00-205-3493.....EA $38.90

Fire Hose Nozzle Tip

Tips for all nozzles having 3/4" GHT outlets including NSN 4210-00-203-3519, NSN 4210-00-640-1892,and NSN 4210-01-108-2934. All tips have 3/4" GHT female threads. Brass and aluminum.
Spray type 2.0-4.0 gpm-size 3
(NFES# 0635)

4210-00-204-3358.....EA $19.67

Spray type 5.0-7.0 gpm - size 6
(NFES# 0636)

4210-00-204-3386.....EA $27.86

Fire Hose Nozzle Tip

Tips for all nozzles have ¾" GHT outlets. Including 4210-00-203-3519, 4210-00-640-1892 and 4210-01-108-2934. All tips have ¾" GHT female threads. Solid straight stream type tip has a ¾", 11 ½ NH female threaded inlet and is make of brass. Measures 1-3/4" long overall. Discharge opening is 3/16", 40-gpm.
Straight stream type - 10 gpm
(NFES# 0637)

4210-00-203-3855 3/16".....EA $9.23

Discharge opening is 3/8", 40 gpm.
Straight stream type - 40 gpm (NFES# 0638)

4210-00-203-3845 3/8" .....EA $8.30

Straight stream type - 18gpm. Discharge opening is ¼".
(NFES# 0737)

4210-00-177-6135 1/4" .....EA $10.11

Fire Hose Nozzle

Barrel type plastic polycarbonate nozzle. Adjusts from straight stream to fog to off. Rubber bumper and gasket included. 1" NPSH, 17 to 20 gpm.
(NFES# 0138)

4210-00-085-2291.....EA $9.34

Mop-Up Nozzle

Wildland fire hose nozzle with ¾" GHT inlet threads NH (garden hose) threads, brass. Flow rate varies from 4–gpm spray pattern to 8-gpm straight-stream pattern. Will shut off under 250 psi. 5" long **(NFES# 0136)**

4730-00-595-1103.....EA $21.02

Nozzles w/Shut-Off, Combination Barrel

Barrel-type nozzle with shut off is made of aluminum alloy. Outer barrel rotates from high flow spray, to high flow straight stream, to low flow spray to low flow straight stream and to off. Female intake is a 1", 11 ½ NSPH, 10 to 25-gpm. 10 to 25 gpm
1" NPSH
(NFES# 1081)
4210-01-165-6603.....EA $24.99

Female intake is 1-1/2", 9 NH, 20 to 75-gpm. 20 to 75 gpm
1-1/2" NH
(NFES# 1082)

4210-01-167-1123.....EA 49.57

Fire Hose Double Female Adapter

Double female connection has aluminum couplings w/ a 600 psi test pressure. Ends are 1" NPSH. Female. **(NFES# 0710)**
4210-01-080-1457.....EA $13.31

Fire Hose Double Male Adapter

Double Male connection with center wrenching is plain style. Has right hand threads and aluminum couplings with 600 psi pressure. Measures 2" long. 1" NPSH **(NFES# 0916)**
4210-01-080-1458.....EA $6.06

Fire Hose Increasers

Increaser has aluminum couplings with 600 psi pressure.
¾" NH (F) x 1" NPSH (M)
(NFES# 2235)
4210-01-080-6531.....EA $6.10

1" NPSH (F)x 1½" NH(M)
(NFES# 0416)
4210-01-080-6532.....EA $7.91

Shut-Off Valve

Aluminum valve has a female threaded inlet with gasket recess and male threaded outlet. Has an on-off or open-close lever with stops at both positions. Removable inlet or outlet allows for easy cleaning and repair. Has 1", 11-1/2 NPSH threads on both ends. **(NFES# 1201) 1" NPSH**
4210-01-165-6599.....EA $69.84

High Pressure Hose

High pressure fire hose with 1" 11-1/2 NPSH compression wedge couplings. A braided hose of 3/4" inside diameter, 50-foot length. Working pressure 600 p.s.i.
(NFES# 1220)
4210-00-595-1838...50'.....LG $302.62

Garden Hose Wye Valve

Wye gated shut-off. Small wye valve has ¾" garden hose threaded (GHT) connections. Has one inlet & two outlets w/ gated shut-off ball valves, 200 psi. (This is a component of the Mop-Up Kit) **(NFES# 0272)**
4210-01-412-6335.....$15.04

Fire Hose Reducer

Reducers have aluminum couplings with 600 psi pressure.
1" NPSH(F) x ¾ " NH (M)
(NFES# 0733)
4210-01-079-9286.....EA $7.93

1½" NH(F) x 1" NPSH(M)
(NFES# 0010)
4210-00-975-2969.....EA $8.83

1½" NPSH(F) x 1" NPSH(M)
(NFES# 0418)
4210-00-294-2648.....EA $7.60

Hoseline Tee w/ Capped Male Branch

Aluminum alloy tee issues 600 psi max operating water pressure. Has right hand threads. Connects 1"NPSH (F)threaded inlet to 1" NPSH outlet and ¾" 8 NH branch w/male threads; center leg length 1-1/2". Male threaded ¾" branch is closed w/ removable aluminum alloy cap.
1" NPSH x 1" NPSH x ¾ " NH **(NFES# 1809)**
4210-01-081-0418.....EA $35.05

Connects 1"NPSH(F) inlet to two 1" NPSH(M) outlets.Center leg length 1-1/2". One outlet is closed w/removable aluminum alloy cap.1" NPSH x 1" NPSH x 1" NPSH
(NFES# 2240) 4210-01-080-1459.....EA $18.24

Fire Hose Wye Valve

Aluminum wye valve has a female inlet and two ball-valved male outlets.Ball type release of water either or both outlets. Working pressure is 600 psi.

1" NPSH-All threads are 1", 11 ½" NPSH
(NFES# 0259)
4210-00-126-5108.....EA $103.28

1-1/2" NH- All threads are 1½", 9NH
(NFES# 0231)
4210-00-984-3475.....EA $127.51

**Note: NO RETURNS OR EXCHANGES ALLOWED.
Please make sure that the hose, adapters, etc that you order will work with your existing fittings.