

# FIBERGLASS LADDERS



**POWER-SAFE**

**L a d d e r s**

**Reach the Height**

FIBRE CRAFT INDUSTRIES (FCI) established its business activity in 1985 and by sheer dint of hard work, quality production and customer focus has now been acknowledged as the Leading company dealing in Fiber Composite products. Today the company is one of the largest manufacturers and suppliers of FRP products & enjoying the favorite vendor position in many world renowned companies and high profile Engineers & Contractors. FCI introduced fiberglass power safe items in the country in 1990 and these are first choice of field staff till today. Earlier in 1994 FCI brought home the most updated technologies for fiberglass ladders fabrication to serve industrial & power generation customers with local facilities. Our safety items includes Fiberglass Ladders, Disconnecting sticks, Grounding Sets, Scaffolding, Insulated Rescue Hook, Tree Trimmers and many other customized items. These items are proved as the modern ways in the protection & safety department.

### **SAFETY IS OUR PRIMARY FEATURE!**

We are the pioneers in the safety items. Our designed ladders meet the applicable international standards & requirements that comply with ANSI 14.5. We manufacture a range of Fibreglass safety items providing numerous advantages over conventional material; like lighter in weight, weather resistant ( i.e. no corrosion as it is observed in case of steel), shock proof due to its' inherent characteristics of no moisture absorption & electrically insulated. The series of tests and design determines the duty rating and class of a particular ladder. The ladders are designed keeping in view the international safety standards and requirements.

When power become an obedient servant for comfort of human life, metallic ladder.



Our ladder features many advantages over any conventional ladder;

- Light in weight
- Aesthetically superior
- Non- Conductive
- Rust Resistant
- Portable
- Corrosion Resistant
- Shock Proof
- Life Protection
- Optimum Safety
- UV Stabilized
- Flame Retardant
- Economical In Long Run
- Comfort and style
- High Strength to weight Ratio
- Low thermal conductivity

### Precautions for using FRP Ladders

- Inspect the ladder thoroughly for missing or damaged components before using a ladder.
- Inspect thoroughly for loose fasteners.
- Never use a damaged ladder & also never make temporary repairs.
- Make sure all working & moving parts are in good working condition, if required lubricate the same.
- Clean ladder from all foreign materials like water, mud, grease, oil etc.
- Never leave ladder set up & unattended.
- The ladders are designed keeping in view the safety and easy handling of job as well as the tool itself.
- Read all the safety signs carefully.

#### DO's

- Hold on
- Keep centered
- Stay straight
- Stay close to the ladder
- Move carefully
- Setup the ladder at firm surface
- Keep three point contact with ladder (hand & foot)



#### DONT's

- Lean too far
- Step on tools plat forms
- Reach too high
- Try to reposition the ladder while you are on it
- Over reach
- Place the ladder at moveable object
- Over load

**FIBRE GLASS A-TYPE LADDERS  
(AL-SERIES/AH-SERIES)**



**Light Duty Fibreglass Ladder** for domestic or light Industrial Application.

**Features**

- Molded recess tray top
- Non-conductive structural molded top with slots to assist safe placement and handling of tools
- Inside spread assisting ladder
- Feet fixed with slip resistant thick rubber

MODEL	SIZE	STEP SIZE	WIDTH	Maximum Approx. Spread
AL-03	3 ft	3 "	18.5 "	24.5 "
AL-04	4 ft	3 "	20.5 "	31 "
AL-05	5 ft	3 "	22 "	39.5 "
AL-06	6 ft	3 "	24 "	45.5 "
AL-07	7 ft	3 "	26 "	48 "
AL-08	8 ft	3 "	28 "	54.5 "
AL-09	9 ft	3 "	30 "	
AL-10	10 ft	3 "	32 "	65.5 "
AL-11	11 ft	3 "	34 "	
AL-12	12 ft	3 "	36 "	

**Heavy Duty Fibreglass Ladder** for domestic and industrial Application.

**Features**

- Molded access tray top.
- Non-conductive structural molded top with slots to assist safe placement and handling tools.
- Inside spread assisting ladder.
- Feet fixed with slip resistant thick rubber.

MODEL	SIZE	STEP SIZE	WIDTH	Maximum Approx. Spread
AH-03	3 ft	3 "	18.5 "	24.5 "
AH-04	4 ft	3 "	20.5 "	31 "
AH-05	5 ft	3 "	22 "	39.5 "
AH-06	6 ft	3 "	24 "	45.5 "
AH-07	7 ft	3 "	26 "	48 "
AH-08	8 ft	3 "	28 "	54.5 "
AH-09	9 ft	3 "	30 "	
AH-10	10 ft	3 "	32 "	65.5 "
AH-11	11 ft	3 "	34 "	
AH-12	12 ft	3 "	36 "	
AH-13	13 ft	3 "		
AH-14	14 ft	3 "		
AH-15	15 ft	3 "		
AH-16	16 ft	3 "		

\*Heavy Duty gusset support at the bottom of steps.

## FIBRE GLASS PLATFORM LADDERS (APL-SERIES/APH-SERIES)



**Fibreglass Light Duty Plat form Ladder** designed for prolong standing at one height.

### Features

- Fibreglass rail with fully serrated aluminum step & plat form.
- Slip Resistant Plat form
- Heavy Gusset Bracing at the bottom step.
- Aluminum feet with thick Slip Resistant Rubber tread.
- Top Rail Guard to serve as a railing for working plat form

MODEL	SIZE	STEP SIZE
APL-03	3 ft	3 "
APL-04	4 ft	3 "
APL-05	5 ft	3 "
APL-06	6 ft	3 "
APL-07	7 ft	3 "
APL-08	8 ft	3 "
APL-09	9 ft	3 "
APL-10	10 ft	3 "
APL-11	11 ft	3 "
APL-12	12 ft	3 "

**Fibreglass Heavy Duty Plat form Ladder** designed for prolong standing at one height.

### Features

- Fibreglass rail with fully serrated aluminum step & plat form.
- Slip Resistant Plat form.
- Heavy Gusset Bracing at the bottom step.
- Aluminum feet with thick Slip Resistant Rubber tread.
- Top Rail Guard to serve as a railing for working plat form.

MODEL	SIZE	STEP SIZE
APL-03	3 ft	3 "
APL-04	4 ft	3 "
APL-05	5 ft	3 "
APL-06	6 ft	3 "
APL-07	7 ft	3 "
APL-08	8 ft	3 "
APL-09	9 ft	3 "
APL-10	10 ft	3 "
APL-11	11 ft	3 "

**FIBRE GLASS EXTENDABLE LADDERS  
(EX-SERIES)**



Fibreglass Heavy Duty channel extension ladder for all industrial application.

**Features**

- Non-conductive side rails.
- Round Fully Serrated Rungs
- Easy one handed locking system.
- Swivel Safety Shoe with thick rubber tread

MODEL	SIZE	Section Length
EX-16	16 ft	8 ft
EX-32	32 ft	16 ft
EX-48	48 ft	24 ft
EX-70	70 ft	24 ft
EX-70	70 ft	35 ft

*\*CUSTOMIZED SIZES ARE AVAILABLE UPON REQUEST*

**FIBRE GLASS MOBILE PLATFORMS  
LADDERS (MPH-SERIES)**



Fibreglass Heavy Duty Mobile Platform Ladders is specially designed for working around electricity. Being a non-conductive material & heavy duty structure, it provides safety on jobs where prolonged working on electrical lines or any other field is required.

**Features**

- Heavy Duty anti-skid step assembly.
- Non-conductive Platform Assembly.
- Heavy Duty Base Assembly.
- Non Conductive Handrail & Guard Rail.
- Safety Lock feature with Handle for castors.
- Single and double person loading can be designed

MODEL	SIZE	STEP SIZE	WIDTH
MPH-03	3 ft	3 "	15 "
MPH-04	4 ft	3 "	15 "
MPH-05	5 ft	3 "	15 "
MPH-06	6 ft	3 "	15 "
MPH -07	7 ft	3 "	15 "
MPH -08	8 ft	3 "	15 "
MPH -09	9 ft	3 "	15 "
MPH -10	10 ft	3 "	15 "
MPH -11	11 ft	3 "	15 "
MPH -12	12 ft	3 "	15 "
MPH -13	13 ft	3 "	15 "
MPH -14	14 ft	3 "	15 "
MPH -15	15 ft	3 "	15 "
MPH -16	16 ft	3 "	15 "

**FIBRE GLASS STRAIGHT LADDERS  
(SL-SERIES)**



**Fiberglass shelf ladder** for domestic and industrial application.

**Features**

- Steps are level when the ladder is set at around 18 Degree.
- Fiberglass nonconductive side rail with fully serrated aluminum step.
- Pairs of gusset bracing to provide support
- Slip Resistant feet fitted with thick Rubber tread.

MODEL	SIZE	STEP SIZE	WIDTH
SM-03	3 ft	3 "	15 "
SM -04	4 ft	3 "	15 "
SM -05	5 ft	3 "	15 "
SM -06	6 ft	3 "	15 "
SM -07	7 ft	3 "	15 "
SM -08	8 ft	3 "	15 "
SM -09	9 ft	3 "	15 "
SM -10	10 ft	3 "	15 "
SM -11	11 ft	3 "	15 "
SM -12	12 ft	3 "	15 "

**FIBRE GLASS STEP STAND LADDERS  
(SS SERIES)**



**Fiberglass Step Stand ladders** are the heavy duty industrial or domestic ladders available with the prominent properties including:

- Light weight, non-conductive and durability.
- Nonconductive molded top.
- Two pairs of gusset brace support at the bottom step.
- Aluminum feet with slip resistant thick rubber tread.
- Fully serrated aluminum steps.

MODEL	SIZE	Step Size	WIDTH
SS-01	1 ft	14" x 10"	15 "
SS-02	2 ft	14" x 10"	15 "
SS-03	3 ft	14" x 10"	15 "
SS-04	4 ft	14" x 10"	15 "

**FIBRE GLASS HOOP LADDER  
(SF-SERIES)**



**Fibreglass Hoop ladder** systems are made with a fire retardant polyester resin which meet the worldwide followed standard i.e. ASTM E-84 test for flame spread of 25 or less and contains a UV inhibitor. The color shall be OSHA safety yellow. Ladders shall be shop assembled and maybe pre-drilled and prepared for field attachment of standoff clips.

**Features**

- Side rail (square tube)
- Rung 1.25" (fluted tube)
- Hoops cage straps (strips)
- Standoff Bracket (bracket plate)

MODEL	SIZE	Step Size	WIDTH
SM-05	5 ft	3 "	15 "
SM-06	6 ft	3 "	15 "
SM-08	8 ft	3 "	15 "
SM-10	10 ft	3 "	15 "
SM-10	12 ft	3 "	15 "

\*The length of ladder is designed as per the desired access height

**SCAFFOLDING  
(SF-SERIES)**



**Fibreglass folding access platforms** that has been designed for all types of light and heavy duty maintenance work.

Consisting of three components types;

- Folding Frame
- Platform
- Castors

**Features**

- Simple to setup
- Enables to work quickly and safely
- Available in single and double wide span widths
- Easy to move
- Easy adjustable platform height

MODEL	SIZE	Tower Height
SF-16	16 ft	13 ft
Sf-20	20 ft	17 ft
Sf-24	24 ft	21 ft



## DISCONNECTING STICKS



**Disconnecting stick** tube is fabricated using fibreglass. The interior of the tube is filled with thermosetting closed cell foam which is bonded with the inner wall of tube. The surface of the tube is made smooth to avoid any entrapment of external matter/impurity.

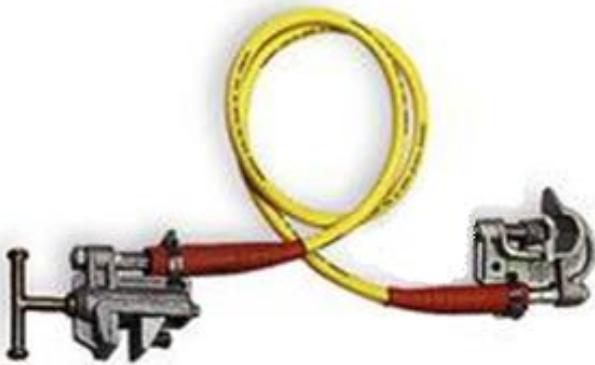
### Features:

- Color can be customized
- HOOK is made from cast bronze
- Base cap is molded plastic
- The sticks are made to conform high voltage and mechanical testing

\*Wet Proof tested at 100KV for one hour.

MODEL	SIZE	Diameter
SF-16	16 ft	8 ft

## GROUNDING SET



**Grounding sets** in different sizes and lengths. The set includes

- Ground clamps
- Cable
- Accessories

This give all equipment needed for many types of distribution structure in one easy to use kit.

### Features:

- Shrouded
- Threaded copper ferrules with shrink tubing
- Excellent connection
- Strain relief properties
- Flexible grounding cable can be yellow or clear

## RESCUE HOOK



**Rescue hooks** features a coated heat treated steel body hook. The sticks can be used in switching yards with system voltages ranging from 3.3KV up to 132KV, whereby the sticks solid foam section is fully insulated and tested at every 1ft length at high voltage to give the ultimate live line protection for human beings.

### Features:

- Non-conductive handles fabricated from the finest fiber glass materials and tested in-house at high voltage
- Compliance with ASTM-711
- High strength steel hook
- Easy to locate bright red colored FRP handle

### Size available:

Length: 6ft, 12 ft & customized lengths are also available. Insulated rescue sticks/ hooks are available with 6ft and 12ft handle lengths, with 18" coated heat treated steel body hook.