



# Ladder Solutions Pty Ltd

## Product Description

### Pro Series Fibreglass Sectional Ladder- PFSL3



**3 SECTIONS ASSEMBLED**



**LOCK ASSEMBLY**



**WIDE BODIED FIXED FEET**



**POLE CHAIN and  
RAIL PROTECTORS**

## Product Description

### Pro Series Fibreglass Sectional Ladder- PFSL3



**TOP  
PFSL3T**



**MIDDLE  
PFSL3M**



**BASE  
PFSL3B**

## Pro Series Fibreglass Sectional Ladder

Sections: maximum of 4 sections, each section has 3 rungs.

Length: 13 Ft, 3.9M, max.

Weights: PFSL3T - 5.2 Kg, PFSL3M - 5.0 Kg, PFSL3B - 5.4 Kg.

Conforms to: AS / NZS 1892.3: 1996.

Load Rating: 150 Kg.

Duty rating: Industrial.

Side rails: Fibreglass.

Rungs: Structural Aluminium Alloy Tempered to T6 Specification.

### General Assembly Description:

Description: INDALEX Fibreglass Sectional Ladder. Model Number PFSL3.

Details: Non Self-supporting Sectional Ladder of fibreglass and aluminium construction interchangeable with ease and minimal training, by a single technician in confined spaces.

Comprising 3 main sections:

- 1) Dedicated base section PFSL3B, made with 3 rungs.
- 2) Dedicated top section PFSL3T, made with 3 rungs.
- 3) Middle section PFSL3M. Maximum of 2 middle sections may be used, each section has 3 rungs.



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## Pro Series Fibreglass Sectional Ladder- PFSL3

### **Design innovations:**

Section lengths were designed to fit into the back of station wagons, small boats and confined spaces.

Ladder conforms to AS/NZ 1892.3.1996 with a 150kg Industrial Load Rating.

Sections are joined by strong interlocking extruded fittings secured by a simple cam driven tension clamp.

The ladder is fitted with wide bodied fixed feet on the base section to ensure stability.

A pole chain is fitted to the top section to allow for pole work.

All sections are covered by replaceable plastic sleeves to minimise manhole damage.

The traditional INDALEX component strengths have been maintained, i.e. the use of high strength solid aluminium rivets, structural alloy aluminium tempered to T6 and all of the fibreglass and aluminium sections are the most appropriate profiles for ladder usage.

### **Performance Test Report**

Tested to AS/NZS 1892.3.1996 covering Portable Reinforced Plastic Ladders.

Sections 9.2, 9.3, 9.5 and others.

Industrial Load Rating = 150kg.

**Pole work**, capability and safety have been assured by the addition of a pole chain.

**Compactness**, Ladder design has met the requirement of the telecommunication industry for interior and exterior usage, transportation and storage.

**Construction**, by the selection of the appropriate materials the best weight to performance has been achieved.

**Durability**, INDALEX is known for durable ladder manufacture. 5 + years of service can be expected for normal usage provided the maintenance recommendations are carried out.

**Safety** is of paramount importance and has been at the forefront of specification requirements when designing the ladder. The overall safety of the ladder has been proven by field trials conducted by the telecommunication industry.

Further demonstration of safety is compliance to AS/NZS 1892.3.1996.

**Functionality**, the ladder is very user friendly. Assembly is achieved with ease. Minimum training is required for all operators.

**Cost effectiveness**, investment is recovered by the increased service life of the product. Normal service life should exceed 5 years.



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## Pro Series Fibreglass Sectional Ladder- PFSL3

**Product design**, is at the forefront of sectional ladder design world wide, indeed it has been commented as the world's best.

**UV exposure**, considering Australia's harsh conditions, UV light is one of the most damaging elements to standard fibreglass. To ensure long ladder life and the retention of original mechanical properties, INDALEX incorporates UV stabilising agents in the production of all their fibreglass components.

**Product marking**, INDALEX, Date of Manufacture marking (letter & numerical code) is permanently marked on the ladder. Eg. Q123 where (Q= Year of manufacture) (Numbers= day of manufacture)

### **Quality**

Materials are sourced from quality endorsed companies, whom are leaders in their chosen field of product manufacture and have a proven history with INDALEX, or our affiliates. Indalex's own Quality Management System, ISO 9001:2000 accreditation by Lloyd's Register Quality Assurance, ensures ladders are constructed and tested to conform to the relevant Australian and customer specified standards. Documented procedures are maintained throughout operation and quality system audits are conducted on a regular basis.

### **Product Development**

Indalex expertise and commitment to ladder manufacture will ensure the ongoing development of ladder design and manufacturing techniques across the spectrum of ladder manufacture. Our commitment to the above is also demonstrated by taking an active role in end user research, in conjunction with our partners. Genesis of design improvement may be identified by either party and can be put forward for consideration at any time.

### **Health, Safety and Environmental Considerations.**

By its very nature aluminium and cured fibreglass do not pose a great health or safety issue. MSDS is available by downloading "Fibreglass Technical Manual" from our website or upon request from Ladder Solutions Pty Ltd.

Technician safety issues are covered in the "Fibreglass Technical Manual".

### **Product Introduction and Training**

Ladder Solutions Pty Ltd can organise full support for the proper introduction and training of key staff re the safe use, care and maintenance of the Fibreglass Sectional Ladder.

For more information, please contact:

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