



International**Safety**Products

Challenge SOLAS Lifejackets



- Challenger Offshore 150N
- Challenger Interlock 275N
- Challenger Hydrosafe
- Extended Service Intervals



International Safety Products

International Safety Products Ltd is the World's largest manufacturer of marine inflatable lifejackets, and a leading manufacturer/supplier of survival equipment.

We use the very latest in textile technology and pursue an innovative design philosophy, ensuring production of safety equipment capable of performing to the highest standard in the most extreme of conditions.

*Challenger Offshore 150N with orange PVC cover



•••• The Challenger Offshore 150N

Purpose

The Offshore 150N Lifejacket has been designed as a dual purpose Emergency Abandonment or Constant Wear lifejacket. The split front design allows the wearer unrestricted movement and full forward and downward vision.

*Challenger Offshore 150N with automatic inflation system

The patented interlocking lobe design self rights the wearer in under 5 seconds and provides an effective wave barrier preventing water from being channelled into the airways, while the tailored neck design gives vital support to the head and neck, even to an unconscious subject.

Features

- Patented interlocking lobe design
- High visibility fabric
- Twin chamber security
- Lightweight and comfortable to wear
- Wide range of options
- Fully complies with the latest amendments to SOLAS Chapter III and approved by U.K.M.C.A and M.E.D (Ships Wheel) plus EN396
- NSN 4220-99-837-1069

Specification

- Twin independent chambers
- Automatic inflation system
- Retro-reflective tape
- Whistle
- Grab loop
- Locational light
- Hard wearing orange PVC cover

Design Options

- A wide range of cover options including hard wearing nylon and Panotex fire proof covers
- Deck harness system
- Spray hood
- Buddy line
- Strobe light
- Crotch strap



*Optional Sprayhood



The Challenger Interlock 275

Purpose

The Interlock 275 is specially designed for use as a combined working/abandonment lifejacket. With 300 Newtons it is designed to be worn when the user is wearing heavy duty clothing or with an abandonment suit - where it guarantees to self right the wearer in less than 5 seconds. The Patented interlocking lobe design also creates an effective wave barrier preventing water channelling into the airways. The lifejacket design gives neck and head support which is particularly vital for an unconscious wearer.



Features

- Patented interlocking lobe design
- 300 Newtons buoyancy
- High visibility fabric
- Twin chamber security
- Wide range of options
- Contoured head and neck support
- Lightweight and comfortable to wear
- Fully complies with the latest amendments to SOLAS Chapter III and approved by U.K.M.C.A and M.E.D (Ships Wheel) plus EN399
- NSN 4220-99-608-9320

Specification

- Two independent chambers each with 300N
- Automatic firing mechanisms
- Retro-reflective tape
- Whistle
- Grab loop
- Locational light
- Hard wearing red nylon cover



*Red Nylon Cover

Design Options

- A wide range of cover options including heavy duty PVC and Panotex fire proof covers
- Deck harness system
- Spray hood
- Buddy line
- Strobe light
- Crotch strap



*Optional Sprayhood

*Challenger Interlock 275 with automatic inflation system

SPECIAL 5 YEAR EXTENDED SERVICE OFFER

For Emergency use on Offshore Installations the Challenger Interlock 275 and Challenger Offshore 150N are available in the Extended Service Format.

If stored in the conventional manner ie. hanging in a cabinet - the service interval is every 12 months.

To facilitate extended servicing intervals and to remove the risks of accidental inflation plus prevent individuals from tampering with the lifejacket, ISP developed their Extended Service Packaging System.

Each lifejacket is hermetically sealed in a Mil spec foil laminate bag together with a calculated quantity of moisture absorbent desiccant. Provided the foil laminate bag is not damaged the service interval can be extended for up to 5 years - subject to Flag State acceptance.

Our recommended service regime is to undertake a 20% per year service combined with a 100% inspection of the bags. This ensures the maintenance budget remains even over the 5 year period.

The cost saving is estimated at approximately 60% of conventional servicing costs!



*Extended service sealed bag



The Challenger Hydrosafe

Purpose

The Challenger Hydrosafe represents an important advance in lifejacket design and technology. The Hydrosafe has been designed to meet the rigorous demands of high speed fast ferry operators and is the world's first SOLAS standard lifejacket to incorporate the weight and space saving features of an airline jacket. The Hydrosafe is packed into a hermetically sealed bag which reduces its volume to 85% less than that of a conventional inherently buoyant lifejacket while the total weights remain under one kilogram. This makes Hydrosafe ideal for underseat stowage where it is within immediate and easy reach in an emergency situation.

Hydrosafe has a wide size range capability making it suitable for both adults and children. Operators need not carry two sizes of lifejacket when equipped with Hydrosafe. In an emergency no time is lost distributing children's lifejackets, family groups stay together and abandonment time is reduced. The slim profile of the uninflated Hydrosafe allows total freedom of movement and unrestricted forward and downward vision facilitating faster and safer abandonment via stairways, ladders or MES systems.

The outer foil packaging is easy to open and the lifejacket can be donned in a sitting position in a few seconds following the clear pictorial instructions. The laminated foil layers of the packaging provide an effective protection against damage and corrosion reducing servicing and replacement costs. The Hydrosafe is manufactured using puncture resistant fabrics and has a neon yellow stole making it highly visible in low light conditions therefore enhancing survivor location.



• Air tight pack

Features:

- Designed to fit both adults and children
- Can be stowed underseat within easy reach in an emergency
- Small uninflated volume allows for rapid access in an emergency
- Can be donned in seconds following simple pictorial instructions
- Allows unrestricted movement and full forward and downward vision
- Has less weight and gives an 85% space saving in comparison with inherently buoyant lifejackets
- Air tight pack reduces corrosion and service costs
- Twin chamber security and high visibility neon yellow fabric
- In daily use worldwide
- Fully complies with the latest amendments to SOLAS Chapter III and approved by U.K.M.C.A and M.E.D (Ships Wheel) plus EN399

Specification

- Packed size 38x12x10cms
- Weight 0.95kg
- Double chamber fully automatic gas inflation system
- Retro-reflective tape
- Whistle
- Grab loop
- Locational light



Certificate No. 1147/96



Product Approvals