

RADIODETECTION® 

Quick Release Backpack Set

Technical specification

SPX 
TECHNOLOGIES





Quick Release Backpack Set

Backpack Summary

Rip-Clip® quick-release mechanism	Patented system for releasing the backpack as an anti-entanglement safety measure. Activated by pulling on the chest strap
Chest strap	Two 1" / 25mm webbing straps join at centre with standard Side Release clip. Each end connects to the shoulder straps via a locking pin. Also attached to backpack hip pad with 1" / 25mm elastic to prevent loss after release
Main compartment	1 large compartment to carry one Tx Bag and additional kit
Assembly access pocket	Upper section with Velcro to overlap lower section
Side Pockets	Two can holders, each 8" / 200mm high typical to accommodate 12-13.4" / 300-340mm cans. Include foam on rim and elasticated support
Side Tool Pockets	Pockets for small tools 3.9 x 11.4" / 100 x 290mm typical. One to each side
Flag & Earth stake pockets	15.3 x 0.4" / 390 x 10mm typical. One to each side
Instrument sleeve	Opens from left. Closure method is 2" / 50mm velcro sewn underneath the vertical reflective tape for a length of 435mm, including a 0.8" / 20mm grab section at the top
Main material	600 x 600 Denier polyester Hi-Viz Orange (RIS3279 Compliant) PVC coated
Anti-tear / Anti-scuff	Yes
Dirt / Stain / Soil resistant	Yes
Sunlight / UV / Mould resistant	Yes
Splash / Rainproof	Yes
Zip	Size 10 zip with two pullers
Reflective Tape	2" / 50mm encapsulated reflective tape on shoulder straps
Black PVC textured base.	Yes, extending 2" / 50mm up the backpack body
Padding on back	0.4" / 10mm foam covered in black Airmesh material.
Carry handle	Rubber handle located over folded 2" / 50mm webbing
Lining material	Grey Rip-Stop lining 145g/m2
Webbing	0.8" / 20mm polyester webbing black
Binding	0.8" / 20mm polyester binding
Base Card	0.08" / 2mm PE board covered in Rip-Stop lining material 11 x 6.7 x 0.08" / 280 x 170 x 2mm
Back card	18.9 x 11 x 0.08" / 480 x 280mm x 2mm plastic card
Length	18.9" / 480mm + 0.2" / 5mm
Width	10.8" / 275mm + 0.2" / 5mm
Height	7.4" / 190mm + 0.2" / 5mm
Backpack Part No:	10/LOC-BACKPACK-O
Backpack Kit Part No (includes Backpack and Tx Bag):	10/LOC-BACKPACK-SET-O

Highly reflective EN ISO 20471 material for improved visibility and sturdy construction to protect the contents.

Quick Release Backpack Set

Tx Bag Summary

Capacity	Tx Transmitter without tool tray
Side Tool Pockets	Pockets for small tools 3.9 x 11.4" / 100 x 290mm typical. One to each side
Anti-tear/Anti-scuff	Yes
Dirt/Stain/Soil resistant	Yes
Sunlight/UV/Mould resistant	Yes
Carry handle	Rubberised plastic Grip on 1" / 25mm webbing, located at the end of the bag by the Instrumentation flap
Main material	600 x 600 Denier polyester Hi-Viz Orange (RIS3279 Compliant) PVC coated
Lining material	Grey Rip-Stop lining 145g/m2
Splash & Rainproof	Black PVC coated textured base
Main compartment zip	Size 8 zip
Front Flap	5.5 x 8.3" / 140 x 212mm typical
Stitching/thread	Approx. 8 stitches per inch, polyester thread in black
Length	14.6" / 370 mm + 0.02" / 5mm maximum tolerance
Width	Tapers 8.7 - 9.8" / 220 - 250mm typical
Height	Tapers 5.1 - 6.7" / 130 - 170mm typical
Tx Bag Part No:	10/TX-BAG-O



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