



# AEGIS™ CASES

THE "NEXT GENERATION" OF HIGH STRENGTH, CUSTOM TRANSIT CASES



Leaffield  
CASES

CUSTOM PROTECTIVE CASES

# AEGIS™ CASES

## THE "NEXT GENERATION" OF HIGH STRENGTH, CUSTOM, TRANSIT CASES

Tough, lightweight rotationally moulded, waterproof cases, incorporating cutting edge design and materials technology, Aegis Custom Cases are engineered to meet or exceed the most rigorous performance requirements under the most severe environmental conditions. Valuable, mission critical equipment deserves the ultimate protection provided by Aegis Custom Cases.

### BESPOKE CASES WITH PERSONAL SERVICE

Leaffield's innovative in-house engineering design team is able to customise every aspect of the Aegis protective system in order to meet your specific protection requirements from vibration attenuation to shock and impact protection, waterproofing to dust exclusion.

Our vastly experienced project teams work closely with customers from concept, through design and development, to delivery and installation, ensuring performance requirements are met in the appropriate timeframes.

Big or small, tall or flat, long or short, single lid, hinged lid, double lid (rack cases) whatever the need, you would be well advised to talk to our case experts and consider Aegis, the "Next Generation" of Custom Transit Cases.







**LEAFIELD  
CASES**  
CUSTOM PROTECTIVE CASES

# ROTATIONAL MOULDING

Leaffield Cases is a leader in Rotational Moulding technology, bringing levels of precision and detail to cases, which are comparable with injection moulding.

Cases produced by Rotational moulding are:

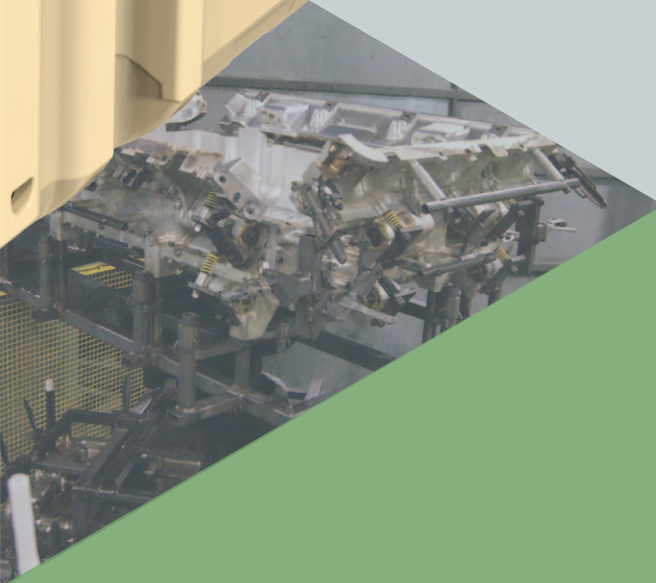
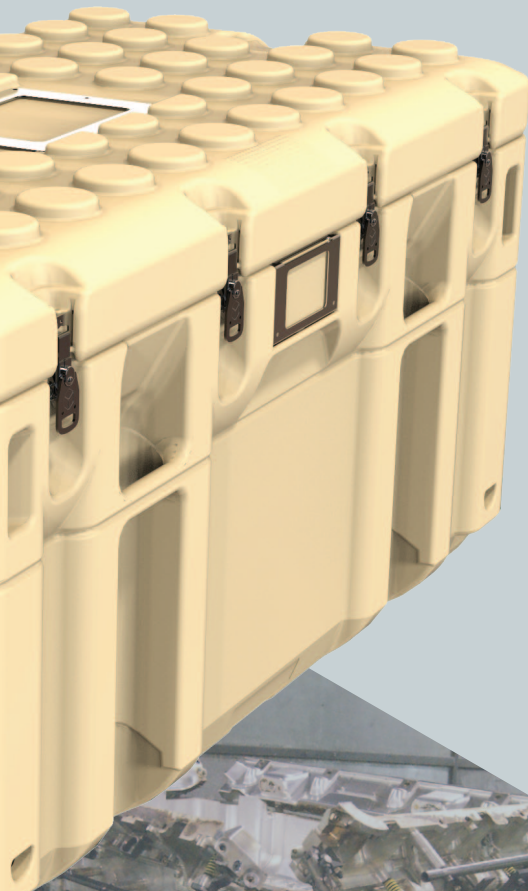
- More resilient and durable than aluminium or wooden cases
- Have a more consistent wall thickness than blow moulded cases
- More economical to 'tool' than injection moulded cases
- Completely recyclable

Unlike injection moulding, the rotational moulding process allows cases and lids to be produced with twin walls for superior strength and rigidity. Many features can be readily moulded-in and integral fittings and fixtures can be incorporated in the design to ensure the rotationally moulded Aegis Case meets your every need.

Leaffield Cases has developed an unconventional 'multi part mould' approach that enables handles, tie-down points and a wide range of beneficial features to be incorporated in the fundamental case design.\*

This modular tooling approach enables bespoke size variations to be quickly designed and tooled to meet specific requirements.

\* Patent Application No.  
GB 1410676.9. pending

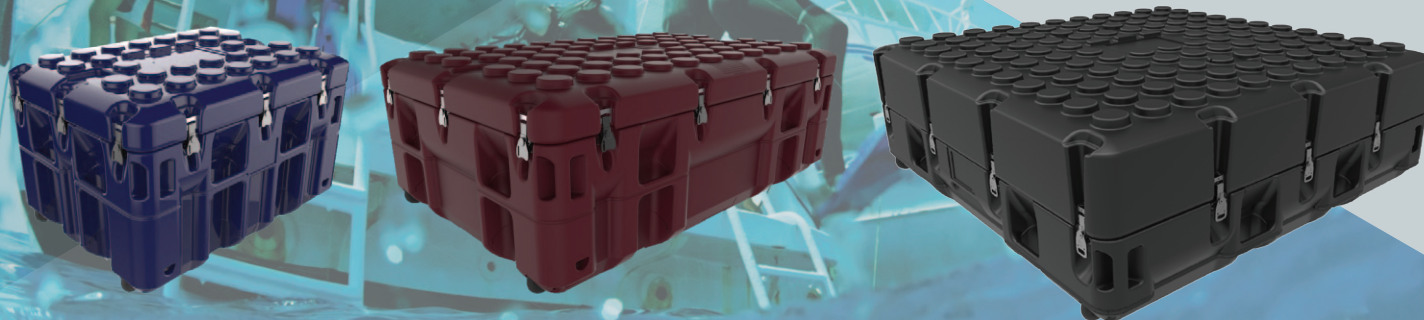


# AEGIS™ CASES

## THE AEGIS ADVANTAGE

Aegis cases are engineered to meet your exact and exacting requirements, incorporating beneficial features that could not previously be achieved with existing rotational moulding technology... features that qualify the claim that Aegis Cases are the 'Next Generation' of high durability transit cases.

- ① Rotationally moulded from high impact, UV stabilised, SMP material for long life durability.
- ② Substantial, controlled wall thickness with reinforced corners and edges - up to 20% greater material thickness for increased strength and impact resistance.
- ③ Water shedding, high durability, double skin lids for enhanced structural rigidity
- ④ Unique, safe stacking and cross stacking features across multiple sizes
- ⑤ Twin wall rim for enhanced seal performance
- ⑥ Ergonomic 'glove friendly' flush, moulded-in handles cannot stick or detach
- ⑦ Convenient moulded-in tie-down points for load stabilization
- ⑧ Substantial, lockable, stainless steel twist latches and unique drive-in strike plates







#### ALL THE PROOFS YOU'LL EVER NEED

Waterproof to IP67  
Dust proof to IP67  
Rust proof latches and strike plates  
Pilfer proof lockable latch mechanism

#### CERTIFICATION

Engineered to meet the most stringent standards such as:  
STANAG 4340, DEF-STAN 81-41 Level J,  
DEF-STAN 81-144, MIL-STD-810G and ATA 300 among others.

#### COLOURS

Available in a choice of standard colours: Black, Dark Admiralty Grey, Light Admiralty Grey, NATO Green, Light Stone, Camouflage Desert Sand, Olive Drab, White, Dark Blue, Light Blue, Maroon, Red, Orange, Yellow.

Other colours available on request.

# AEGIS CUSTOM CASES FEATURES



Unique stacking and cross stacking features *Patent Pending*



Moulded-in flush, glove friendly handles *Patent Pending*



Moulded-in flush tie-down points *Patent Pending*



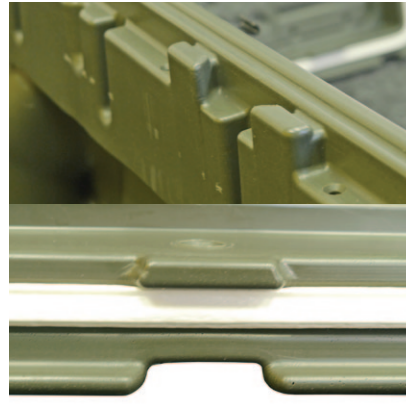
Lower tie-down points for 25mm webbing



Lockable, stainless steel, high reliability compression latches



Unique, stainless steel, drive-in strike plates *Patent Pending*



Dovetailed lid/base interlock features ensures lid/base alignment even after impact *Patent Pending*



Robust double-skin lid with water shedding geometry *Patent Pending*



High performance watertight seal



Glove friendly recess under latch



Labelling provision



Base rib structure for enhanced structural integrity



Dimple area for temporary labelling



Built-in flange bezels & divider slots for panel/fitment integration

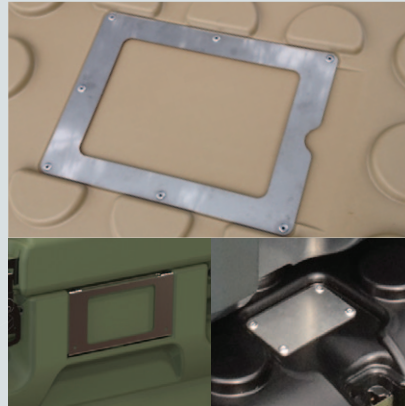




Moulded-in pallet feet with stacking feature



Bolt-on pallet feet or swivel castors



Top and front cardholders and rivet-on plates



Unique hinge/compression latch mechanism *Patent Pending*

# AEGIS CUSTOM CASES OPTIONS



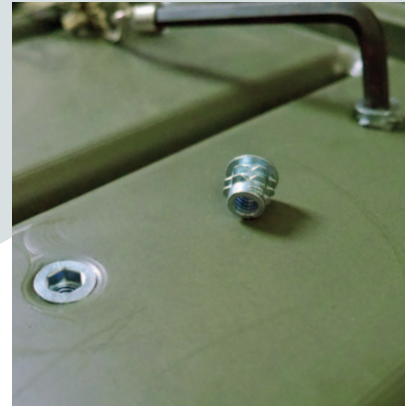
Pressure equalisation valves and humidity indicators



Moulded in document / desiccant storage tubes *Patent Pending*



Edge castors



Threaded inserts for internal fittings



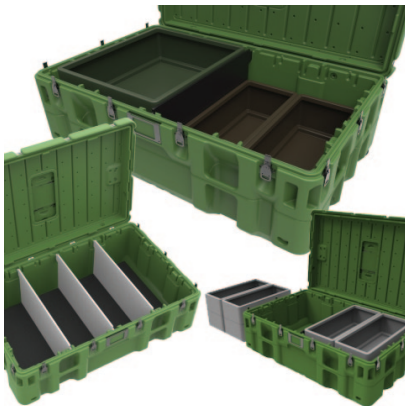
Custom stencilling, embossing or moulded-in graphics



Lid stays in wire or webbing



Lift handles on lids



Dividers and internal containers/trays



Foam inserts and moulded-in fittings



Anti-shock/vibration mounts, suspended decks and cradles

