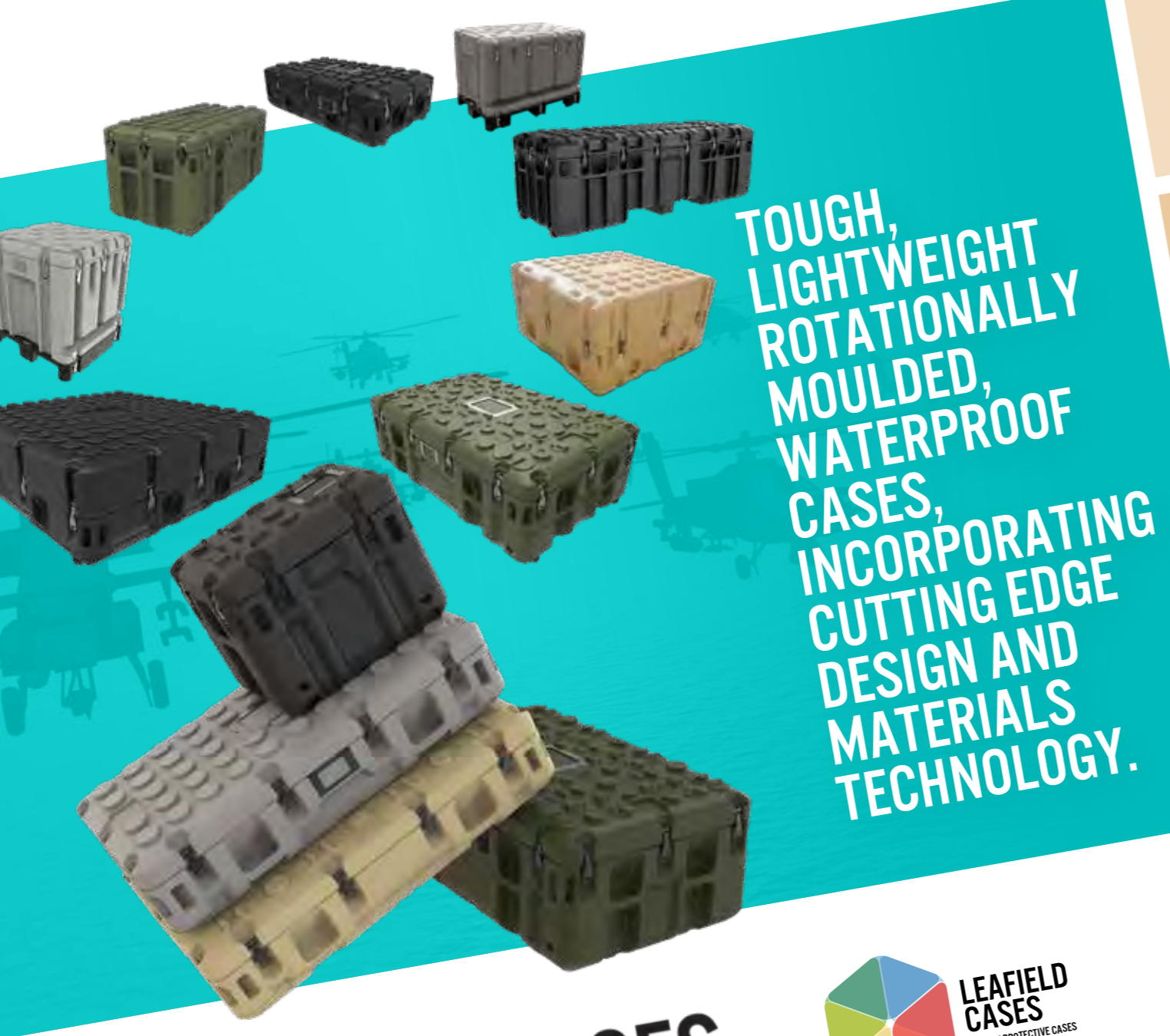




**LEAFIELD  
CASES**  
CUSTOM PROTECTIVE CASES



**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™ CASES**



### **BESPOKE CASES WITH PERSONAL SERVICE**

Leaffield's innovative in-house engineering design team are 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, deep shallow lid whatever the need, you would be well advised to talk to our case experts and consider Aegis, the "Next Generation" of Custom Transit Cases.



**VALUABLE, MISSION  
CRITICAL EQUIPMENT  
DESERVES THE ULTIMATE  
PROTECTION PROVIDED  
BY AEGIS CUSTOM CASES.**

# AEGIS™ CASES

## Rotational Moulding

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 a patented '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 unique tooling approach enables bespoke size variations to be quickly designed and tooled to meet specific requirements.

\* For patent information please see: [www.leaffieldcases.com/legal/patents](http://www.leaffieldcases.com/legal/patents)

LEAFIELD 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





# AEGIS™ CASES

## The AEGIS features

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.



Double skin lid



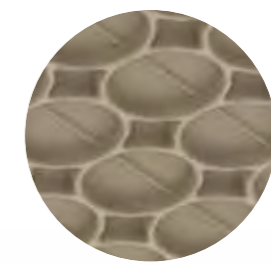
Curved lid surface for water run-off



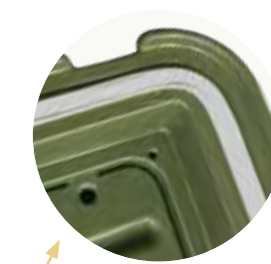
High strength



Unique stacking and cross stacking features



Base rib structure for enhanced structural integrity



High performance watertight/dust proof seal



Dimple area for temporary labelling



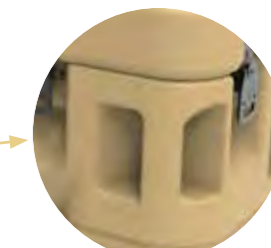
Cut and weld lines for functional prototypes and low volume bespoke cases



Unique, stainless steel, drive-in strike plates



Lockable, stainless steel, high reliability compression latches and toggle latches



Moulded-in flush hoist and tie-down points



Glove friendly recess under latch



Moulded-in flush, glove friendly handles



Lower tie-down points

# AEGIS™ CASES

## Application Specific Options

With a wide range of options available to customise every aspect of the Aegis protective system, Aegis Cases can be tailored to meet your specific application needs, combining maximum protection with outstanding functionality. Whatever you're protecting, you can depend on Aegis Cases to exceed the performance needs, even in the most arduous environments.



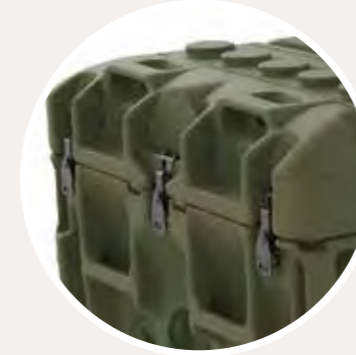
Stainless steel toggle latch



Unique compression hinge latch mechanism



Moulded-in handle recess



Integral moulded lid handle



Cardholders



Edge castors



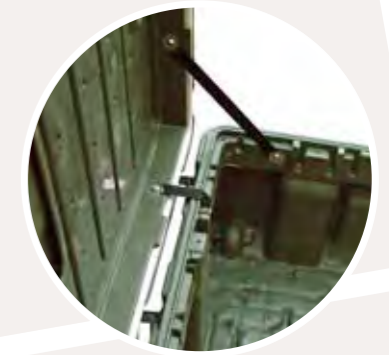
Bolt-on pallet feet or swivel castors



Custom mould-in graphics



Pressure Relief Valve, Pressure Equalisation Valve & Humidity Indicators



Webbing lid stays



Moulded-in pallet base



Moulded in document / desiccant storage tubes



Dividers and internal containers/trays



Integrated drawers/storage



Store in lid legs to convert lid into table



TAKE A CLOSER LOOK...

# AEGIS™ CASES

## STRENGTH AND DURABILITY

- Double skinned rims for extra strength and to accommodate the custom designed waterproof seal
- Moulded in structural ribs for stacking strength and deformation resistance
- 15-20% thicker corners for enhanced impact protection

## SEALED (IP 67 TESTED AND APPROVED)

- All case features\*\* are moulded-in, eliminating any piercing of the case envelope - removing potential leak paths
- \*\* Integral handles, tie-down points, lifting eyes, optional document tube, desiccant tubes, pallet feet)
- High performance, custom designed lid seal for lightweight, dust-tight performance
- Unique compression hinge arrangement with lid stays

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



TAKE A CLOSER



TAKE A  
CLOSER  
LOOK...

# AEGIS™ CASES

All the proof you'll ever need.

Aegis Cases are engineered to comply with applicable US, UK and European military requirements.

- STANAG 4280
- Def Stan 81-41 Level J
- Def Stan 81-144
- MIL-STD-810G
- ATA 300, Category 1

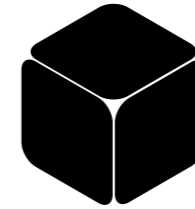
- Tested to meet the requirements of IP67
- Rust proof latches and strike plates
- Pilfer proof lockable latch mechanism

Please contact us if you wish to discuss others.



## COLOURS

Aegis Cases are generally provided in Black, Olive Drab or Portland Stone. However subject to availability and at the customers discretion, we are able to offer products in a range of standard colours or bespoke colours subject to MOQ.



Black  
Pantone Black



Olive Drab  
Pantone 5743



Portland Stone  
Pantone 474



Battleship Grey  
Pantone 423



Light Blue  
Pantone 3005



Marine Blue  
Pantone 288



Classic Navy  
Pantone 533



Purple  
Pantone 2612



Lime Green  
Pantone 376



Dark Aqua  
Pantone 3272



Green  
Pantone 349



Dark Grey  
Pantone 425



Red  
Pantone B485



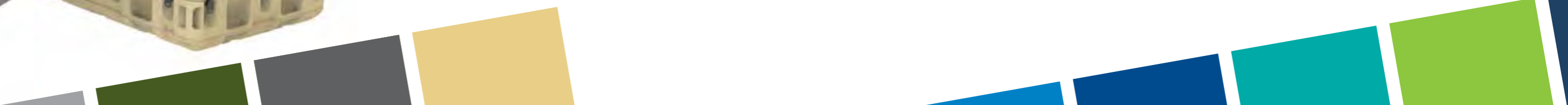
Pink  
Pantone 212



Yellow  
Pantone 116



Orange  
Pantone B165



# AEGIS™ CASES Product list



LEAFIELD CASES PART NO. CONSTRUCTION

EXAMPLE AEGIS CASE PART NO. -

**AE6040-22.10 FT**

EXTERNAL CM    CASE LENGTH CM    CASE WIDTH CM    BODY HEIGHT CM    LID HEIGHT CM    FORKLIFT ACCESS

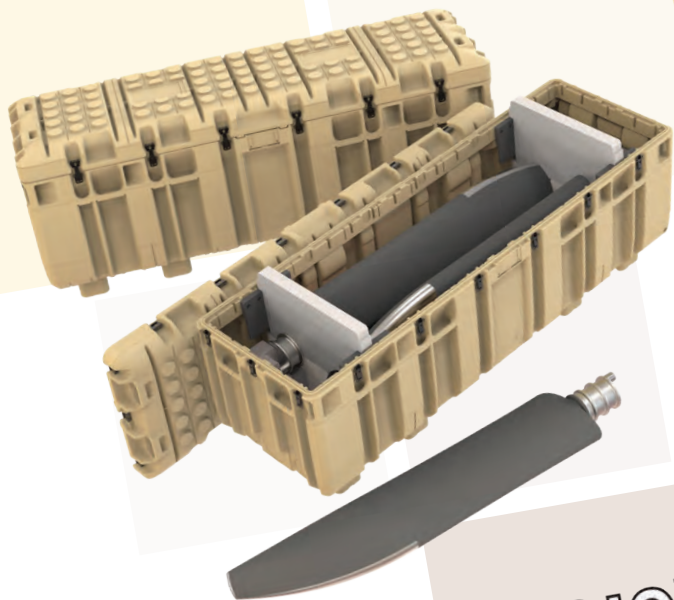


Case Part No.	Length	Internal (mm) Width	Height	Length	External (mm) Width	Height
AE6040-22.10	512	312	268	600	400	321
AE6040-40.10	512	312	447	600	400	500
AE7560-22.10	662	512	268	750	600	321
AE7560-40.10	662	512	447	750	600	500
AE7560-50.10	662	512	547	750	600	600
AE8787-32.21	785	785	471	873	873	531
AE8787-72.21	785	785	870	873	873	930
AE10060-22.10	912	512	271	1000	600	321
AE10060-22.35	912	512	506	1000	600	571
AE10060-40.10	912	512	450	1000	600	500
AE10060-40.35	912	512	685	1000	600	750
AE10060-50.10	912	512	550	1000	600	600
AE10060-50.35	912	512	785	1000	600	850
AE12060-22.10	1112	512	271	1200	600	321
AE12060-40.10	1112	512	450	1200	600	500
AE12060-50.10	1112	512	550	1200	600	600
AE12075-22.10	1112	662	268	1200	750	321
AE12075-35.10	1112	662	397	1200	750	450
AE12075-50.10	1112	662	547	1200	750	600
AE14070-32.15	1300	600	391	1400	700	471
AE14070-32.15 FT	1300	600	281	1400	700	471
AE14070-32.43	1300	600	673	1400	700	750
AE14070-32.43 FT	1300	600	563	1400	700	750
AE14070-60.15	1300	600	670	1400	700	750
AE14070-60.15 FT	1300	600	560	1400	700	750
AE14070-60.43	1300	600	952	1400	700	1029
AE14070-60.43 FT	1300	600	842	1400	700	1029

Case Part No.	Length	Internal (mm) Width	Height	Length	External (mm) Width	Height
AE16070-32.15	1500	600	391	1600	700	471
AE16070-32.15 FT	1500	600	281	1600	700	471
AE16070-32.43	1500	600	673	1600	700	750
AE16070-32.43 FT	1500	600	563	1600	700	750
AE16070-60.15	1500	600	670	1600	700	750
AE16070-60.15 FT	1500	600	560	1600	700	750
AE16070-60.43	1500	600	959	1600	700	1029
AE16070-60.43FT	1500	600	842	1600	700	1029
AE18070-32.15	1700	600	391	1800	700	471
AE18070-32.15 FT	1700	600	281	1800	700	471
AE18070-32.43	1700	600	673	1800	700	750
AE18070-32.43 FT	1700	600	563	1800	700	750
AE18070-60.15	1700	600	670	1800	700	750
AE18070-60.15 FT	1700	600	560	1800	700	750
AE18070-60.43	1700	600	952	1800	700	1029
AE18070-60.43 FT	1700	600	842	1800	700	1029
AE20070-32.15	1900	600	391	2000	700	471
AE20070-32.15 FT	1900	600	291	2000	700	471
AE20070-32.43	1900	600	673	2000	700	750
AE20070-32.43 FT	1900	600	563	2000	700	750
AE20070-60.15	1900	600	670	2000	700	750
AE20070-60.15 FT	1900	600	560	2000	700	750
AE20070-60.43	1900	600	952	2000	700	1029
AE20070-60.43 FT	1900	600	842	2000	700	1029
AE22070-32.15	2100	600	391	2200	700	471
AE22070-32.15 FT	2100	600	281	2200	700	471
AE22070-32.43	2100	600	673	2200	700	750
AE22070-32.43 FT	2100	600	563	2200	700	750
AE22070-60.15	2100	600	670	2200	700	750
AE22070-60.15 FT	2100	600	560	2200	700	750
AE22070-60.43	2100	600	952	2200	700	1029
AE22070-60.43 FT	2100	600	842	2200	700	1029

\*As of February 2022 (Subject to change)





# AEGIS™ CASES

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[linkedin.com/company/leaffieldcases](https://linkedin.com/company/leaffieldcases)