

TOUGH,  
LIGHTWEIGHT  
ROTATIONALLY  
MOULDED,  
WATERPROOF  
CASES,  
INCORPORATING  
CUTTING EDGE  
DESIGN AND  
MATERIALS  
TECHNOLOGY.

AEGIS™ CASES



LEAFIELD  
CASES  
CUSTOM PROTECTIVE 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.

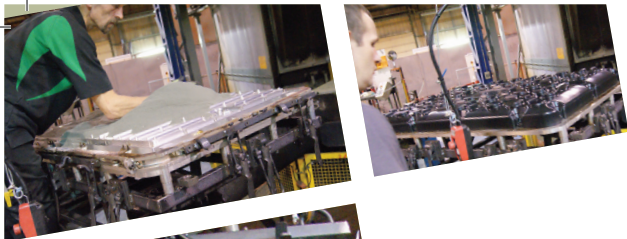
Big or small, tall or flat, long or short, single lid, hinged lid, deep shallow lid whatever the need, you would be well advised to talk to our case experts and consider Aegis, the "Next Generation" of Custom Transit Cases.



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







# AEGIS™ CASES

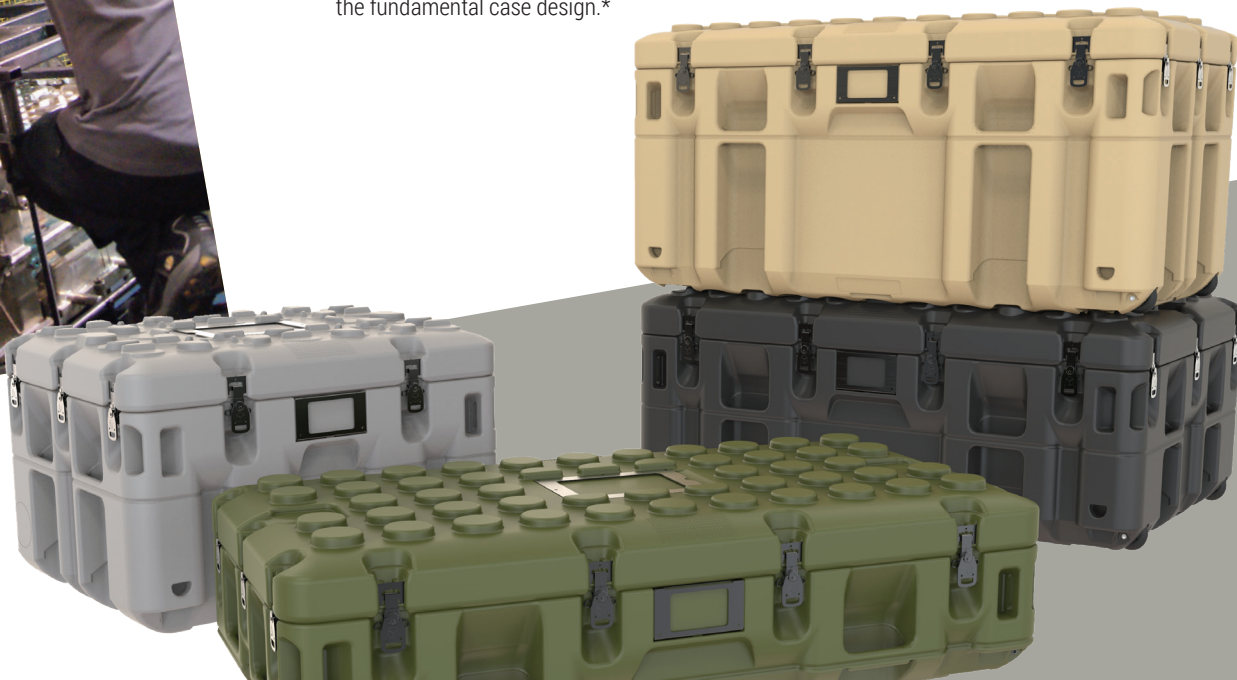
## Rotational Moulding

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.

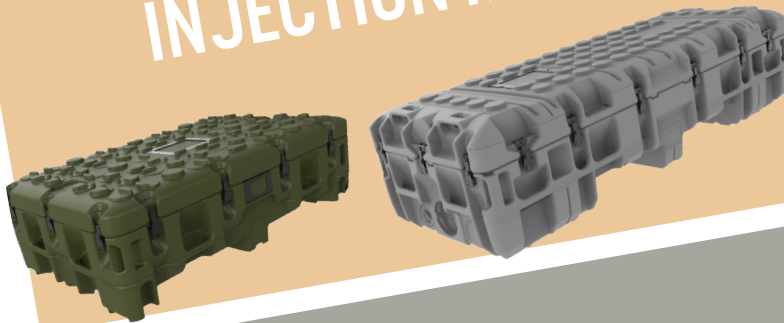
Leaffield Cases has developed a patented 'multi-part mould' approach that enables handles, tie-down points and a wide range of beneficial features to be incorporated in the fundamental case design.\*

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.



**LEAFIELD  
CASES**  
CUSTOM PROTECTIVE CASES

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



Patented domed lid surface for water run-off



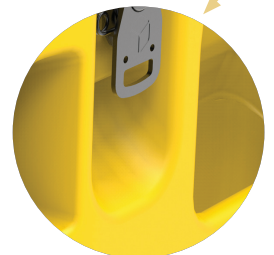
Dimple area for temporary labelling



Lockable, stainless steel, compression latch and catch plate



Lockable, stainless steel, toggle latch

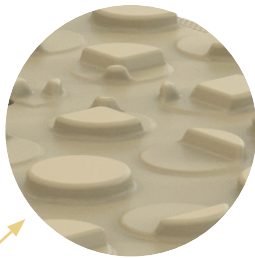


Glove friendly latch access

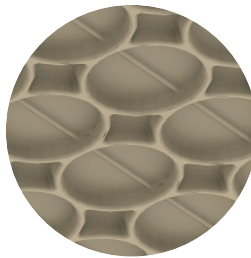
High strength



Patented unique  
stacking and cross  
stacking feature



Patented base rib  
structure for enhanced  
structural integrity



High performance  
watertight/dust proof seal



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



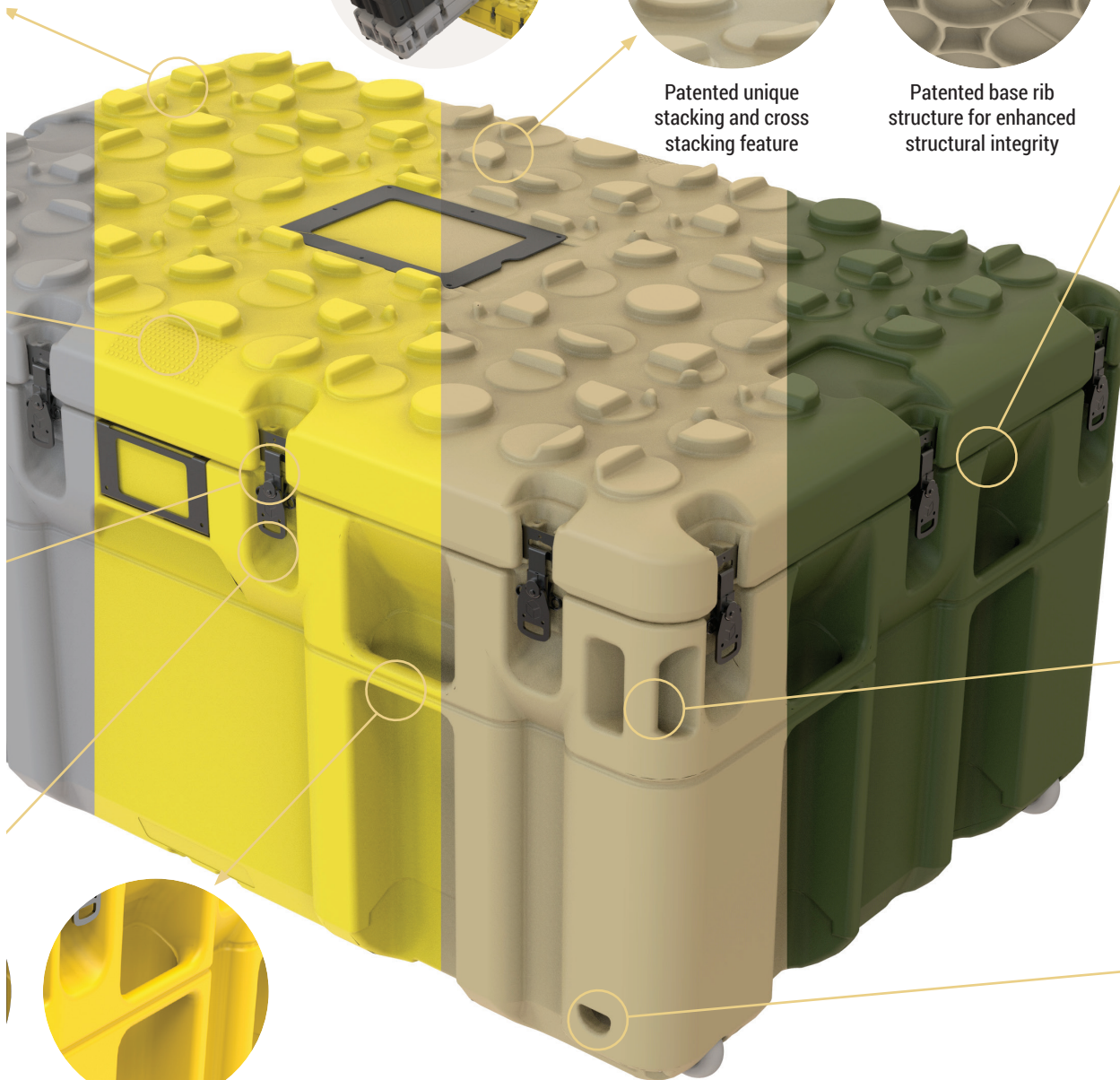
Moulded-in lifting and  
tie-down points



Lower tie-down points



Patented moulded-in flush,  
glove friendly handles





# 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



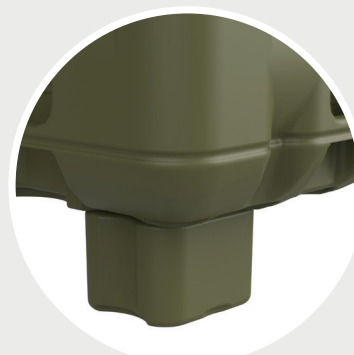
Integral edge wheels



Swivel castors



Moulded-in pallet base



Bolt-on pallet feet





Moulded in document /  
desiccant storage tubes



A7 Body cardholder



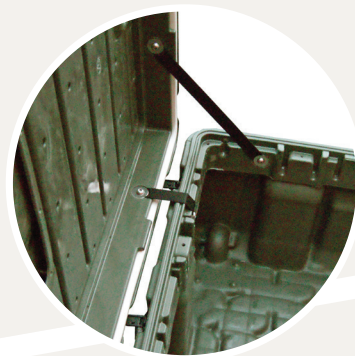
A5 or A6 Lid cardholder



Custom mould-in  
graphics



Pressure Relief Valve, Pressure  
Equalisation Valve & Humidity Indicators



Webbing lid straps



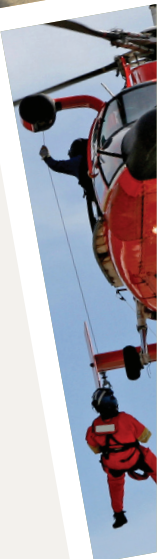
Dividers and internal  
containers/trays



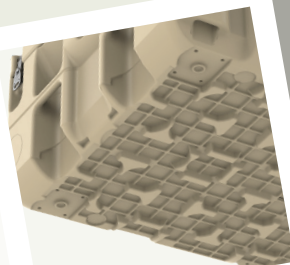
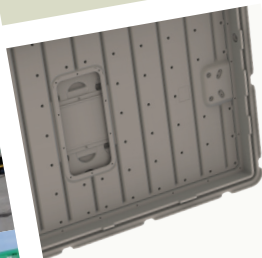
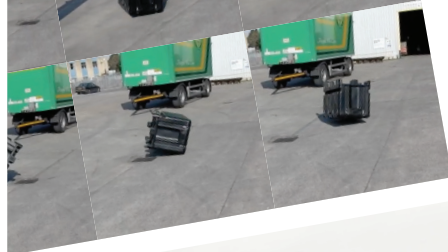
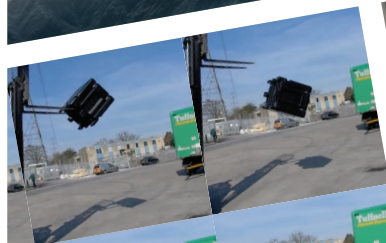
Integrated drawers/storage



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



**LEAFIELD  
CASES**  
CUSTOM PROTECTIVE 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.    | Internal Length (mm) | Internal Width (mm) | Internal Height (mm) | External Length (mm) | External Width (mm) | External Height (mm) |
|------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|
| 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                  |
| AE10060-40.10    | 912                  | 512                 | 450                  | 1000                 | 600                 | 500                  |
| AE10060-22.35    | 912                  | 512                 | 506                  | 1000                 | 600                 | 571                  |
| AE10060-50.10    | 912                  | 512                 | 550                  | 1000                 | 600                 | 600                  |
| AE10060-40.35    | 912                  | 512                 | 685                  | 1000                 | 600                 | 750                  |
| AE10060-50.35    | 912                  | 512                 | 785                  | 1000                 | 600                 | 850                  |
| AE12060-22.10    | 1112                 | 512                 | 271                  | 1200                 | 600                 | 321                  |
| AE12060-35.10    | 1112                 | 512                 | 400                  | 1200                 | 600                 | 450                  |
| 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                  |
| AE12075-22.23    | 1112                 | 662                 | 373                  | 1200                 | 750                 | 451                  |
| AE12075-35.10    | 1112                 | 662                 | 397                  | 1200                 | 750                 | 450                  |
| AE12075-40.10    | 1112                 | 662                 | 447                  | 1200                 | 750                 | 500                  |
| AE12075-35.23    | 1112                 | 662                 | 502                  | 1200                 | 750                 | 580                  |
| AE12075-50.10    | 1112                 | 662                 | 547                  | 1200                 | 750                 | 600                  |
| AE12075-40.23    | 1112                 | 662                 | 552                  | 1200                 | 750                 | 630                  |
| AE12075-50.23    | 1112                 | 662                 | 652                  | 1200                 | 750                 | 730                  |
| AE14070-32.15 FT | 1300                 | 600                 | 281                  | 1400                 | 700                 | 471                  |
| AE14070-32.15    | 1300                 | 600                 | 391                  | 1400                 | 700                 | 471                  |
| AE14070-60.15 FT | 1300                 | 600                 | 560                  | 1400                 | 700                 | 750                  |
| AE14070-32.43 FT | 1300                 | 600                 | 563                  | 1400                 | 700                 | 750                  |
| AE14070-60.15    | 1300                 | 600                 | 670                  | 1400                 | 700                 | 750                  |
| AE14070-32.43    | 1300                 | 600                 | 673                  | 1400                 | 700                 | 750                  |
| AE14070-60.43 FT | 1300                 | 600                 | 842                  | 1400                 | 700                 | 1029                 |
| AE14070-60.43    | 1300                 | 600                 | 952                  | 1400                 | 700                 | 1029                 |



View our up to date  
range here

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

\*As of January 2023 (Subject to change)