

Product Catalogue

mpact 
plastics

Q32024

Choose US.

Making a real
difference in the areas
that matters most.



We are fully EPR compliant

You are EPR compliant with all the packaging items that we supply to you.

By positively and financially contributing to industry associations, we enable you to be part of the solution and have access to the most updated industry developments.



Health & Safety

Our packaging is manufactured to stringent health and safety standards. We are committed to providing a safe and healthy working environment for all employees, contractors and service providers. The principle of “zero harm” is entrenched at each of Mpact Plastics’ operations.

Safety, health and environmental training is provided at compulsory induction programs for all new employees, contractors and visitors, as well as at annual re-induction training. Additional safety training and awareness campaigns are also held during the year.



Design Centre

We are geared and ready to innovate. Our offering starts with exceptional designs and ends with a packaging solution, in as little as two weeks!

We expertly design packaging that optimizes innovation, environmental benefit, performance and product-material ratio whilst being fully compliant to sustainable design principles.

Our team drives innovation using the latest computer-aided design and model-building technology to ensure that all parameters are met before packaging arrives on the retail shelf. We continually evaluate the balance between customer requirements and Reduction, Reuse and Recycling.



Research & Development

We don't communicate, we educate!

Our team is widely respected for their expert knowledge about Extended Producer Responsibility schemes.

This allows us to create accurate content to engage with the industry at large and eliminate the legacy of misinformation in order to promote real-time, smarter sustainable solutions and comply with regulation.

Sustainability starts with producing recyclable plastic.

*“At MPACT we pride ourselves on our ability to innovate and create **optimum** and **fit-for-purpose** packaging designs that do not only meet customer requirement but also comply with the ‘design for recyclability’ principles. We provide a **full service**, from concept and feasibility, through to detailed designs ready for mass production.”*

- Mpack Plastics, Technology Centre, Atlantis -
Cornelius Bezuidenhou, Divisional R&D & Technical Manager

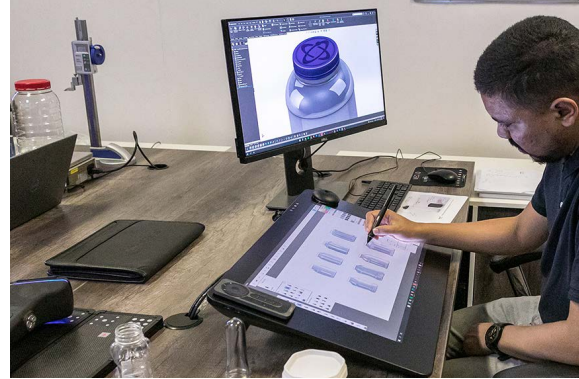


Driven by innovation.

Plastics Design Centre – providing Mpack customers with innovative, sustainable packaging design

The state-of-the-art Mpack Plastics Design Centre and in-house Toolroom based at our Atlantis FMCG site in the Western Cape is geared to offer Mpack's customers innovative plastic packaging solutions from start to finish in as little as two weeks, expertly designing packaging that optimises environmental benefits, performance and product-material ratio whilst being fully compliant with sustainable design principles.

- ✓ Expert knowledge at work
- ✓ Investment in leading-edge technology
- ✓ Research and development key to performance
- ✓ Excellence all the way to the shelf



Mpact's business is built on innovation. To this end, the company continues to invest in research and development capabilities to ensure employees are appropriately skilled to build and maintain a sustainable competitive advantage that focuses on modern trends, customer preferences, research and technical support.

Mpact Plastics product innovation capabilities is nestled in the Stellenbosch Research and Development Centre and the Plastics Innovation Hub. This is where the magic happens – where product conceptualisation, design and development take place. Our teams are able to start the design process with digital sketching which can be edited in real-time, allowing shorter sample lead times and deadlines.

The design process is further optimised by sampling technology which allows us to assess product performance in a real-world situation which minimise and mitigate risk. These digital sketches are converted to 3D models to enable product specification such as stacking configurations.

Scientific capabilities are integrated at every stage of the value chain. Strong focus is given to support fit-for-purpose food packaging, taking into consideration the risks associated with using recycled materials. Specialist techniques are employed to trace any contaminants that might adversely affect food packaging.

Mpact Plastics research team is widely respected for their expert knowledge about Extended Producer Responsibility (EPR) schemes and its related processes. Through this valuable resource, we are able to engage and guide our customers through a journey of EPR compliance and working towards the implementation of smarter sustainable solutions.



Octagon range

Available in 250g and 500g, and being fridge and freezer friendly, the Octagon tub is truly versatile across markets and product categories. With the introduction of larger sizes later in 2022, this product range boasts maximum on-shelf brand exposure as both the tub and lid is fully IML wrapped and available in a vast range of colour and label designs.

The nestable design optimizes transport and warehousing and the tub and lid is produced from fully recyclable Polypropylene. With its interlocking rim, the tub is leak proof. The tamper evident tab stays attached to the tub when broken, making it compliant to EPR regulations.



IMH bottles

Integrated Moulded Handle

The IMH™ bottle was developed in response to EPR legislation and to assist in achieving EPR targets whilst supporting the bottle-to-bottle recycling stream in South Africa. The IMH™ bottle is light weighted and is fully compliant to EPR regulations.

It has a PET handle that is injection moulded during the preform production process. Inserted, attached or clip-on handles produced from a different substrate is therefore not required. Secondly, handle separation, prior to the pack entering the recycling stream, is not required.

This pack is designed to support South Africa's well-established bottle-to-bottle recycling stream. The PET and rPET material used to produce this pack is food grade approved.

The injection moulding process eliminates the top and tail trimming waste required by its extrusion blow moulded equivalents. Since the handle is injected with the preform, additional steps required for handle insertion is also eliminated. This means that the IMH™ bottle can be produced at line speeds that meets most filling requirements.



ISBM range

Injection stretch blow molding

ISBM is a manufacturing process used to produce hollow plastic parts, like bottles. It involves two main stages:

Injection Molding: A preform (a small, test-tube-like piece) is created by injecting molten plastic into a mold.

Stretch Blow Molding: The preform is then reheated and stretched while being blown into its final shape in a second mold.

Benefits of ISBM:

High Strength: The stretching process aligns the plastic molecules, resulting in stronger, more durable products.

Better Clarity: The process produces clearer and more uniform parts, ideal for products like beverage bottles.

Efficient Production: It allows for high-speed manufacturing with precise control over wall thickness and shape.

Reduced Material Waste: The process is highly efficient, using less plastic compared to other molding techniques.





Pharmaceutical range

Mpact Plastics produces a range of high-clarity PET and conventional Vinyl medical round bottles aimed at the pharmaceutical industry. Available in 50ml, 100ml and 200ml sizes, these bottles constitute a holistic offering for specific market needs. Whilst both Vinyl and PET bottles offers appropriate barrier properties, PET offers the added benefit of higher pack clarity.

The Atlantis, Western Cape, plant of the Mpact Plastics division is well-positioned to supply medical round bottles together with accompanying childproof and tamper-evident closures to small, medium, and multi-national customers.

Bottles & Jars



Smarter, sustainable solutions.

Our FMCG operations, situated in Pinetown, KwaZulu-Natal and in Atlantis, Western Cape, manufactures a wide range of bottles, containers and wide-mouth jars together with its matching closures for the pharmaceutical, food, beverage, household and cosmetic industries.

We embrace recycled content and design our packaging products with recycling in mind. Moreover, we educate our customers and consumers about sustainable packaging and its contribution to the circular economy so that we can collectively reduce our impact on the environment.

Atlantis.




1 750ml Sauce Bottle




Generic Code:
ATL-B-001
Weight:
34g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
750ml
Material:
PET




2 375g Honey Bottle




Generic Code:
ATL-B-002
Weight:
28g
Neck Finish:
Stroke5
Thread Type:
Bump-On
Capacity:
375g
Material:
PET



3 350ml Sauce Bottle



Generic Code:
ATL-B-003
Weight:
29g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
350ml
Material:
PET




4 325g Spice Grinder




Generic Code:
ATL-B-004
Weight:
39g
Neck Finish:
N/A
Thread Type:
N/A
Capacity:
325g
Material:
PET




5 350ml Bottle




Generic Code:
ATL-B-005
Weight:
20g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
350ml
Material:
PET



6 500ml Ribbed Bottle



Generic Code:
ATL-B-006
Weight:
29g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
500ml
Material:
PET



7 1L Wine Bottle



Generic Code:
ATL-B-007
Weight:
50g
Neck Finish:
33/60mm
Thread Type:
Crimp
Capacity:
1L
Material:
PET



8 750ml Wine Bottle



Generic Code:
ATL-B-008
Weight:
50g
Neck Finish:
33/60
Thread Type:
Crimp
Capacity:
750ml
Material:
PET




9 750ml Claret Bottle




Generic Code:
ATL-B-009
Weight:
50g
Neck Finish:
33/60
Thread Type:
Crimp
Capacity:
750ml
Material:
PET



10 175ml Wine Bottle



Generic Code:
ATL-B-010
Weight:
19g
Neck Finish:
N/A
Thread Type:
Crimp
Capacity:
175ml
Material:
PET



11 500ml Bottle



Generic Code:
ATL-B-011
Weight:
48g
Neck Finish:
1881
Thread Type:
1start
Capacity:
500ml
Material:
PET



12 200ml Bottle



Generic Code:
ATL-B-012
Weight:
20g
Neck Finish:
1881
Thread Type:
1start
Capacity:
200ml
Material:
PET




13 150ml Bottle




Generic Code:
ATL-B-013
Weight:
20g
Neck Finish:
1881
Thread Type:
1start
Capacity:
150ml
Material:
PET



14 100ml Bottle



Generic Code:
ATL-B-014
Weight:
13g
Neck Finish:
1881
Thread Type:
1start
Capacity:
100ml
Material:
PET




15 50ml Bottle





Generic Code:
ATL-B-015
Weight:
10g
Neck Finish:
1881
Thread Type:
1start
Capacity:
50ml
Material:
PET




16 100ml Medical Round





Generic Code:
ATL-B-016
Weight:
12g
Neck Finish:
Stroke3
Thread Type:
Bump-On
Capacity:
100ml
Material:
HDPE




17 100ml Medical Round





Generic Code:
ATL-B-017
Weight:
12g
Neck Finish:
1810
Thread Type:
1start
Capacity:
100ml
Material:
HDPE




18 50ml Medical Round




Generic Code:
ATL-B-018
Weight:
8g
Neck Finish:
Stroke3
Thread Type:
Bump-On
Capacity:
50ml
Material:
HDPE



19 50ml Medical Round




Generic Code:
ATL-B-019
Weight:
12g
Neck Finish:
Stroke3
Thread Type:
Bump-On
Capacity:
50ml
Material:
PET




Clear
Amber

20 50ml Liquer Bottle



Generic Code:
ATL-B-020
Weight:
8g
Neck Finish:
N/A
Thread Type:
N/A
Capacity:
50ml
Material:
PET



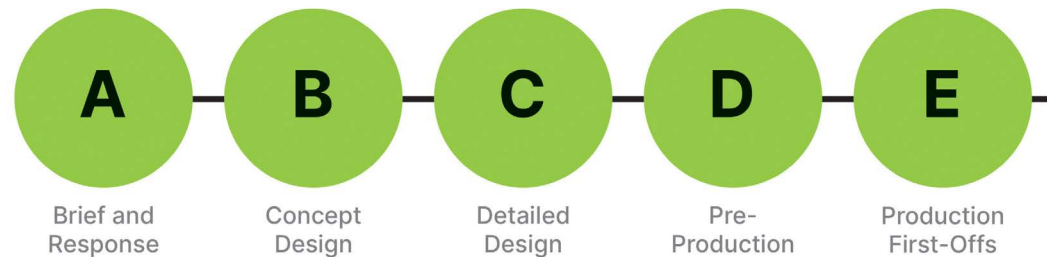
Clear

Mpact is resolute in ensuring that packaging meets the design requirements that enable optimal recycling, which is in line with macro-packaging trends.

Custom Design

We're a leading producer of rigid plastic products and are capable of developing and manufacturing custom products and components for several industries in the local and international market.

Our custom-designed packaging option starts with exceptional designs and ends with a packaging solution, in as little as two weeks! We expertly design packaging that optimises innovation, environmental benefit, performance and product-material ratio whilst being fully compliant with sustainable design principles.



1 500g Ribbed Jar



Generic Code:
ATL-J-001

Weight:
24g

Neck Finish:
70mm

Thread Type:
4start

Capacity:
500g

Material:
PET



2 500g Ribless Jar



Generic Code:
ATL-J-002

Weight:
48g

Neck Finish:
63mm


Thread Type:
3start

Capacity:
500g

Material:
PET



3 750ml Ribless Jar



Generic Code:
ATL-J-003


Weight:
45g

Neck Finish:
70mm


Thread Type:
4start

Capacity:
750ml

Material:
PET



4 100ml Jar



Generic Code:
ATL-J-004


Weight:
13g

Neck Finish:
38mm


Thread Type:
1start

Capacity:
100ml

Material:
HDPE

5 50ml Jar



Generic Code:
ATL-J-005


Weight:
9g

Neck Finish:
38mm

Thread Type:
1start

Capacity:
50ml

Material:
PET




Our registration with PRO's PETCO, POLYCO, COPCO and the Department of Forestry, Fisheries and the Environment (DFFE) means that you are EPR compliant with all the packaging items that we supply to you.

1 38mm Closure - Scalloped



Generic Code:
ATL-C-001
Weight:
3.8g
Neck Finish:
38mm
Thread Type:
1start
Material:
PP



2 38mm Closure - Ribbed



Generic Code:
ATL-C-002
Weight:
3.6g
Neck Finish:
38mm
Thread Type:
1start
Material:
PP



3 Umbrella Closure - Large



Generic Code:
ATL-C-003
Weight:
5g
Neck Finish:
N/A
Thread Type:
24-410
Material:
PP



4 Tapered Closure



Generic Code:
ATL-C-004
Weight:
8.4g
Neck Finish:
Tapered
Thread Type:
Frustrum
Material:
PP



5 Puffer Insert



Generic Code:
ATL-C-005
Weight:
1.3g
Neck Finish:
Press-Fit
Thread Type:
N/A
Material:
PP



6 /3 Closure



Generic Code:
ATL-C-006
Weight:
1.7g
Neck Finish:
Stroke3
Thread Type:
Bump-On
Material:
LDPE



7 Umbrella Closure - Small



Generic Code:
ATL-C-007
Weight:
2.2g
Neck Finish:
N/A
Thread Type:
24-410
Material:
PP



8 38mm Sauce Closure



Generic Code:
ATL-C-008
Weight:
5.2g
Neck Finish:
38mm
Thread Type:
Bump-on Frustrum
Material:
PP



9 /5 Sauce Closure



Generic Code:
ATL-C-009
Weight:
3.7g
Neck Finish:
Stroke5
Thread Type:
Bump-on Frustrum
Material:
PP



10 63mm Ribbed Closure



Generic Code:
ATL-C-010
Weight:
11.7g
Neck Finish:
63mm
Thread Type:
3start Frustrum
Material:
PP



We expertly design packaging that optimizes innovation, environmental benefit, performance and product-material ratio whilst being fully compliant with sustainable design principles.


Our team drives innovation using the latest computer-aided design and model-building technology to ensure that all parameters are met before packaging arrives on the retail shelf. We continually evaluate the balance between customer requirements and Reduction, Reuse and Recycling.

Pinetown.




Bottles.


1 750ml Bottle




Generic Code:
PTN-B-001
Weight:
56g
Neck Finish:
Bump-On
Thread Type:
N/A
Capacity:
750ml
Material:
HDPE




2 400ml Bottle




Generic Code:
PTN-B-002
Weight:
39g
Neck Finish:
Bump-On
Thread Type:
N/A
Capacity:
400ml
Material:
HDPE




3 750ml Bottle




Generic Code:
PTN-B-003
Weight:
56g
Neck Finish:
Dosing Cap
Thread Type:
N/A
Capacity:
750ml
Material:
HDPE



4 1.5L Bottle



Generic Code:
PTN-B-004
Weight:
76g
Neck Finish:
Dosing Cap
Thread Type:
N/A
Capacity:
1500ml
Material:
HDPE



We produce award-winning products

Proud winner of the 2021 Gold awards for "Sustainability" and "Household products"



Name of Entry: 100% rHDPE 750ml & 1.5lit household cleaner bottle & masterbatch free closure
Entered by: Mpack Plastics FMCG
Packaging Converter: Mpack Plastics FMCG Pinetown
Brand Owner: Unilever



1 250g Jar



Generic Code:
PTN-J-001
Weight:
27.2g
Neck Finish:
63mm
Thread Type:
3start
Capacity:
250g
Material:
HDPE



2 500g Jar



Generic Code:
PTN-J-002
Weight:
46g
Neck Finish:
63mm
Thread Type:
3start
Capacity:
500g
Material:
HDPE



3 125ml IML Jar



Generic Code:
PTN-J-003
Weight:
11.6g
Neck Finish:
N/A
Thread Type:
4start
Capacity:
125ml
Material:
PP



4 250ml IML Jar



Generic Code:
PTN-J-004
Weight:
20g
Neck Finish:
N/A
Thread Type:
4start
Capacity:
250ml
Material:
PP



5 500ml IML Jar



Generic Code:
PTN-J-005
Weight:
33.3g
Neck Finish:
N/A
Thread Type:
4start
Capacity:
500ml
Material:
PP





1 500ml IML Tub



Generic Code:
PTN-T-001
Weight:
21g
Neck Finish:
Clip Lid
Capacity:
500ml
Material:
PP



2 1L IML Tub



Generic Code:
PTN-T-002
Weight:
32g
Neck Finish:
Clip Lid
Capacity:
1L
Material:
PP



3 150ml IML Tub



Generic Code:
PTN-T-003
Weight:
6.3g
Neck Finish:
Foil
Capacity:
150ml
Material:
PP



4 250g IML Tub



Generic Code:
PTN-T-004
Weight:
15.4g
Neck Finish:
Clip Lid
Capacity:
250gml
Material:
PP



5 500g IML Tub



Generic Code:
PTN-T-005
Weight:
26g
Neck Finish:
Clip Lid
Capacity:
500g
Material:
PP



6 1L IML Tub



Generic Code:
PTN-T-006
Weight:
34.5g
Neck Finish:
Clip Lid
Capacity:
1L
Material:
PP



7 2L IML Tub



Generic Code:

PTN-T-007

Weight:

54.6g

Neck Finish:

Clip Lid

Capacity:

2L

Material:

PP



Designing packaging that is:

- ✓ Fit for purpose
- ✓ Recyclable
- ✓ Extends food shelf-life



1 Flip-Top



Generic Code:
PTN-C-001

Weight:
5.8g

Neck Finish:
N/A

Material:
PP



2 Flip-Top



Generic Code:
PTN-C-002

Weight:
10.3g

Neck Finish:
N/A

Material:
PP



Mpact's products claim 14 IPSA Gold Pack Awards



IPSA TROPHY 2023

Name of Pack Entered: Integrated Moulded Handle (IMH) Bottle
Packaging Converter/s and Country: Mpact Plastics Wadeville, South Africa
Brand Owner / Pack User and Country: Commodity Brands BIT Group, South Africa

Name of Pack Entered: Zimflex Succulent Cartons
Packaging Converter: Mpact Corrugated
Brand Owner / Pack User and Country: Zimflex, Zimbabwe

AFRISTAR Gold 2023

PAMSA Gold 2023

Name of Pack Entered: Detpak Paper Lid
Packaging Converter/s and Country: Mpact Corrugated, South Africa
Brand Owner / Pack User and Country: Detpak, South Africa

FIBRE CIRCLE Gold 2023

Silver 2023

Name of Pack Entered: Crush Grinder
Packaging Converter/s and Country: Mpact Plastics FMCG Atlantis
Brand Owner and Country: Shaft Mouldings, South Africa

Silver 2023

Name of Pack Entered: ALVA Heater Packaging
Packaging Converter/s and Country: Mpact Corrugated, South Africa
Brand Owner / Pack User and Country: ALVA, South Africa

Name of Pack Entered: Octagon – IML Tubs and Lids
Packaging Converter: Mpact Plastics FMCG Pinetown
Brand Owner / Pack User and Country: Capma Group, South Africa

Bronze 2023

Name of Pack Entered: ZZZ Al Monde Packaging
Packaging Converter/s and Country: Mpact Corrugated, South Africa
Brand Owner / Pack User and Country: ZZZ Al Monde, South Africa



Ten of Mpact's sustainable packaging designs claimed 14 accolades at the 2023 IPSA Gold Pack Awards in various categories.

Wadeville.



1 5L Bottle




Generic Code:
WDV-B-001
Weight:
113g
Neck Finish:
45mm
Thread Type:
3starts
Capacity:
5L
Material:
PET



2 4L Bottle



Generic Code:
WDV-B-002
Weight:
113g
Neck Finish:
45mm
Thread Type:
3start
Capacity:
4L
Material:
PET




3 5L Bottle




Generic Code:
WDV-B-003
Weight:
106g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
5L
Material:
PET




4 2L Bottle



Generic Code:
WDV-B-004
Weight:
54g
Neck Finish:
Stroke9
Thread Type:
Bump-On
Capacity:
2L
Material:
PET



5 2L Bottle - Square



Generic Code:
WDV-B-005
Weight:
64g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
2L-Square
Material:
PET



6 2L Bottle - Rectangular



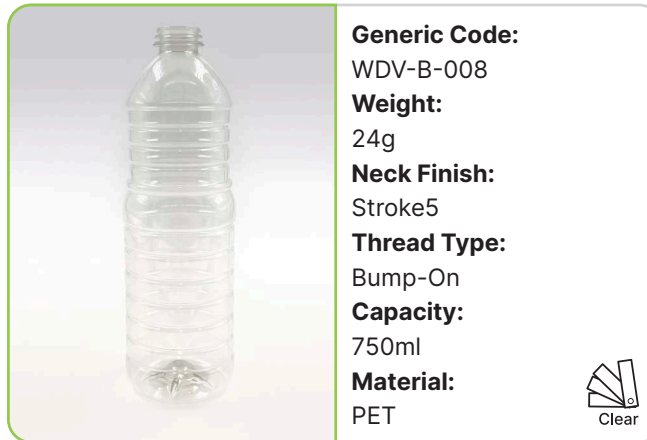
Generic Code:
WDV-B-006
Weight:
64g
Neck Finish:
38mm
Thread Type:
3start
Capacity:
2L - Rect
Material:
PET



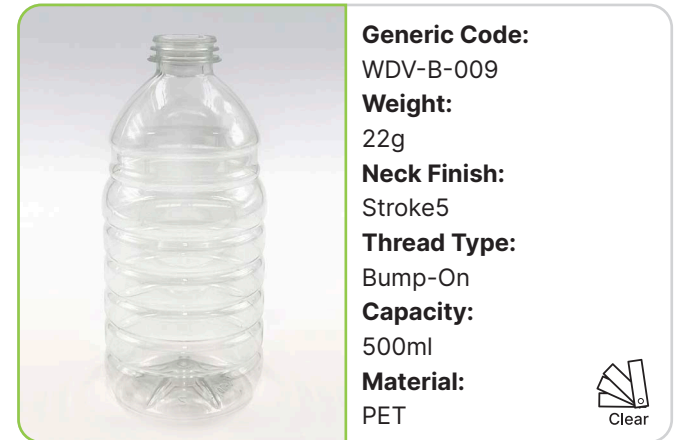
7 750ml Bottle



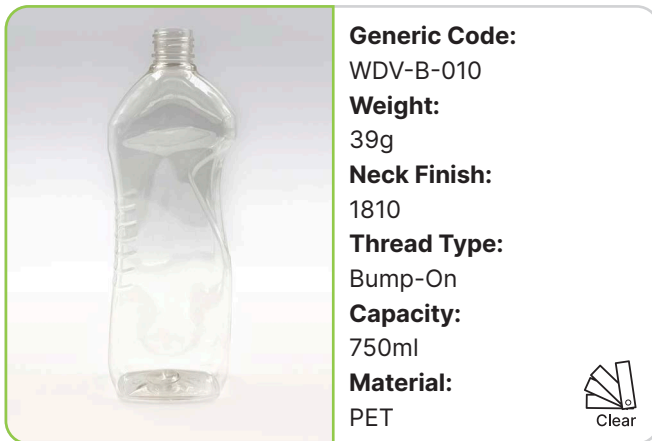
8 750ml Bottle



9 500ml Bottle




10 750ml Bottle




Mpact Plastics has invested significantly in research and development over the last few years to create packaging products which **supports a circular economy**. At Mpact we are producing innovative packaging products which are **fit for purpose and designed for recyclability**.


1 750g Ribbed Jar




Generic Code:
WDV-J-001
Weight:
42g
Neck Finish:
70mm
Thread Type:
4start
Capacity:
750g
Material:
PET



2 1.5kg Ribbed Jar



Generic Code:
WDV-J-002
Weight:
74g
Neck Finish:
97mm
Thread Type:
3start
Capacity:
1.5kg
Material:
PET




3 400g Ribbed Jar




Generic Code:
WDV-J-003
Weight:
28g
Neck Finish:
70mm
Thread Type:
4start
Capacity:
400g
Material:
PET




4 250g Ribless Jar




Generic Code:
WDV-J-004
Weight:
27.6g
Neck Finish:
70mm
Thread Type:
4start
Capacity:
250g
Material:
PET



5 750g Ribless Jar



Generic Code:
WDV-J-005
Weight:
42g
Neck Finish:
70mm
Thread Type:
4start
Capacity:
750g
Material:
PET



6 450g Square Jar



Generic Code:
WDV-J-006
Weight:
28g
Neck Finish:
70mm
Thread Type:
4start
Capacity:
450g
Material:
PET



7 1L Square Jar



Generic Code:

WDV-J-007

Weight:

42g

Neck Finish:

70mm

Thread Type:

4start

Capacity:

1L

Material:

PET



Embracing appropriately certified recycled plastic as packaging material is a responsible and forward-thinking choice for businesses that are committed to a sustainable future.

By shifting our perception of the use of recycled packaging which is fit for purpose, we can collectively reduce our impact on the environment and create a more sustainable world.

Mpact Plastics are BRC and FSSC certified, and we are subjected to several annual audits that ensure the quality of our products are not compromised.



Preforms.

1 42g 1881 Preform



Generic Code:
WDV-P-001
Weight:
42g
Neck Finish:
1881
Material:
PET

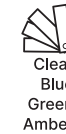


Clear
Blue
Green
Amber

2 38g 1881 Preform



Generic Code:
WDV-P-002
Weight:
38g
Neck Finish:
1881
Material:
PET



Clear
Blue
Green
Amber

3 31g 1881 Preform



Clear
Blue
Green
Amber

4 19.5g 1881 Preform



Generic Code:
WDV-P-004
Weight:
19.5g
Neck Finish:
1881
Material:
PET



Clear
Blue
Green
Amber

5 24g /5 Preform



Generic Code:
WDV-P-005
Weight:
24g
Neck Finish:
Stroke5
Material:
PET



Clear
Blue
Green
Amber

1 70mm Closure - Frustrum



Generic Code:
WDV-C-001
Weight:
10.9g
Neck Finish:
70mm
Thread Type:
4Start
Description:
Frustrum
Material:
PP



2 70mm Closure - Multi-Seal



Generic Code:
WDV-C-002
Weight:
10.2g
Neck Finish:
70mm
Thread Type:
4Start
Description:
Multi-Seal
Material:
PP



3 70mm Closure - Wadded



Generic Code:
WDV-C-003
Weight:
9.8g
Neck Finish:
70mm
Thread Type:
4Start
Description:
Wadded
Material:
PP



4 97mm Closure - Wadded



Generic Code:
WDV-C-004
Weight:
16g
Neck Finish:
97mm
Thread Type:
3Start
Description:
Wadded
Material:
PP




5 1881 Closure - CSD8




Generic Code:
WDV-C-005
Weight:
2.2g
Neck Finish:
1881
Thread Type:
1Start
Description:
CSD
Material:
PP



6 1810 Closure - AF7



Generic Code:
WDV-C-006
Weight:
3g
Neck Finish:
1810
Thread Type:
1Start
Description:
CSD
Material:
PP



Atlantis

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