

IMPACT METALS LIMITED

Manufacturing Extruded Aluminium Products Since 1976

Impact has emerged in 1976 for producing seamless aluminium containers for liquid pesticides. In the 25 plus years of its existence, the company made its impact on the industry with quality products. The company has developed its own know-how technology and tooling facilities. It procured high quality equipment like the German extrusion machinery viz. Herlan P6, P8, P10, P12 and the deep drawing presses to facilitate higher capacity containers. The company exports to Far East, South East, Middle East and Europe. Now it can produce custom made containers as per customers' specifications. The quality-oriented philosophy of the company achieved the ISO 9002 and a phenomenal growth with its 700 strong personnel, units in Hyderabad, Baroda and Bhubaneswar, functional offices in Mumbai, Delhi, and Chennai. The group has been expanding since then and presently has 7 manufacturing locations around India with more than 70,000 Sq ft. working area.

Machinery:

World-class robust machinery and a “cut above the rest” design and development team has been a strong driving force for IMPACT. It works with German machinery viz Herlan P6, P8, P10, P12, and other hi tech machinery and tools. Tool design and development is done in house with minimum lead times.

Products:

Aluminium Seamless Containers: With bottle making plants in Hyderabad, and Baroda manufacturing high quality bottles conforming IS 737-1986, IMPACT offers bottles in volumes 50 ml to 20 Liters in various shapes and with different closure options. Impact supplies 50 ml, 100 ml, 250 ml, 500 ml, 1 Liter, 5 Liter, 10 Liter and, 20 Liters to customers in India and abroad. With a manufacturing capacity of close 150 quality bottles per minute, it stands as a leader in the market place.

Capacitors: Capacitor cans from diameters 27mm to 116 mm in various lengths are supplied to both domestic and international market.

Slugs and Sheets: Slugs in various dimensions are supplied to both domestic and international clients. Slugs are sand blasted/vibrated and, annealed in grades 1050 and 1070 or as per customer specifications.

Aluminium Receiver drier body: We supply extruded receiver drier/filter drier cans to the automotive AC making or assembling companies. Diameters 60.5 mm, 66 mm, 63.5 mm are the standard driers we make with flat/conical/round bottom.

Easy Open Ends: We supply aluminium easy open ends in sizes 209 and 202. We supply lacquered EOE lids for food packaging also. We have an installed capacity of about 50,000 lids per day.


Special Products: IMPACT has been highly successful in custom manufacturing for clients around the globe. It has succeeded in bagging projects with its design and development niche in the market place. Few to list are anodized/plain ignition coil case, aluminium gas mask casing, and cable glands in non-ferrous metals. All kinds of deep drawing, impact extrusion, metal stamping and, cold forging projects are undertaken. Newer products are most welcome.

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Largest Manufacturer of Extruded Aluminium Bottles

Monobloc bottles/containers are offered with the below features.

- Seamless one piece/monobloc aluminium bottles
- Used in packing agrochemicals, fine chemicals, aromatic oils or any other liquid material.
- All the bottles come with an option for a polished outer finish popularly known as matte finish for a better appeal or the regular extruded finish. Internal lacquering/wax coating is also an option.
- Tapered or Dome neck is an option with all our bottles.

Type: AgroPACK					
Basic Features: <ul style="list-style-type: none"> ▪ HDPE screw cap with tamper evident aluminium tear off seal. ▪ Available in volumes – 50 ml, 100 ml, 250 ml, 500 ml, 1 Liter and 5 liters. Usage: <ul style="list-style-type: none"> ▪ Manual or Automatic capping and sealing. 					
Bottle Specifications:					
Size	Neck Inner Dia (Millimeters)	Body Dia (Millimeters)	Wall Thickness (Millimeters)	Height (Millimeters)	Product Code
50 ml	23.6 ± 0.2	45 ± 0.2	0.38	83 ± 1	AP50N23
100 ml	23.6 ± 0.2	45 ± 0.2	0.38	108 ± 1	AP100N23
	28.4 ± 0.2	40 ± 0.2	0.42	118 ± 1	AP100N28
250 ml	23.6 ± 0.2	55 ± 0.2	0.42	154 ± 1	AP250N23
500 ml	23.6 ± 0.2	63.5 ± 0.2	0.52	215 ± 1	AP500N23
	28.4 ± 0.2	74 ± 0.2	0.45	185 ± 1	AP500N28
1 Liter	23.6 ± 0.2	89 ± 0.2	0.56	230 ± 1	AP1000N23
	28.4 ± 0.2	89 ± 0.2	0.5	240 ± 1	AP1000N28
5 Liter	23.6 ± 0.2	173 ± 1	0.7	317 ± 3	AP5000N23
	28.4 ± 0.2	173 ± 1	0.7	317 ± 3	AP5000N28
	33 ± 0.2	173 ± 1	0.7	317 ± 3	AP5000N33

Type: EZ-LID



Basic Features:

- HDPE screw cap with tamper evident tear-off locking flange.
- Available in volumes – 50 ml, 100 ml, 250 ml, 500 ml, 1 Liter and 5 Liters.

Usage:

- Manual capping and sealing.

Options:

- Range of colours for the plastic sleeve and cap.

Bottle Specifications:

Size	Neck Inner Dia (Millimeters)	Body Dia (Millimeters)	Wall Thickness (Millimeters)	Height (Millimeters)	Product Code
50 ml	22 ± 0,2	45 ± 0.2	0.35	86± 1	EL50N22
	23 ± 0.2	45 ± 0.2	0.35	86± 1	EL100N23
100 ml	22 ± 0.2	45 ± 0.2	0.35	108± 1	EL100N22
	23 ± 0.2	45 ± 0.2	0.35	108± 1	EL100N23
	25 ± 0.2	45 ± 0.2	0.35	108± 1	EL100N25
250 ml	25 ± 0.2	55 ± 0.2	0.35	154 ± 1	EL250N25
	27 ± 0.2	55 ± 0.2	0.35	154 ± 1	EL250N27
	28 ± 0.2	55 ± 0.2	0.35	154 ± 1	EL250N28
500 ml	25 ± 0.2	63.5 ± 0.2	0.45	215 ± 1	EL500N25
	27 ± 0.2	63.5 ± 0.2	0.45	215 ± 1	EL500N27
	28 ± 0.2	63.5 ± 0.2	0.45	215 ± 1	EL500N28
1 Liter	25± 0.2	89 ± 0.2	0.6	230 ± 1	EL1000N25
	27± 0.2	89 ± 0.2	0.6	230 ± 1	EL1000N27
	28 ± 0.2	89 ± 0.2	0.6	230 ± 1	EL1000N28
	33 ± 0.2	89 ± 0.2	0.6	235 ± 1	EL1000N33
5 Liter	33 ± 0.2	173 ± 1	0.7	317 ± 3	EL5000N33
	46 ± 0.2	173 ± 1	0.7	317 ± 3	EL5000N46

Easy Open Ends



Basic Features:


- Available in sizes – 209 and other sizes (non standard).

Usage:


- Manual or Automatic seaming.

Options:

- Lacquered / non-lacquered.

<p>Type: WideMouth</p> 	<p>Basic Features:</p> <ul style="list-style-type: none"> ▪ Easy Open End lid. ▪ Available in volumes – 100 ml, 250 ml, 500 ml, 1 Liter and 5 Liters. ▪ Dome type neck. <p>Usage:</p> <ul style="list-style-type: none"> ▪ Manual capping and Manual or Automatic seaming. <p>Options:</p> <ul style="list-style-type: none"> ▪ Range of colours for the plastic cap.
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Bottle Specifications:					
Size	Neck Inner Dia (Millimeters)	Body Dia (Millimeters)	Wall Thickness (Millimeters)	Height (Millimeters)	Product Code
100 ml	39.4 ± 0.2	55 ± 0.2	0.45	80 ± 1	WM100N39
	52 ± 0.2	52.8 ± 0.2	0.4	73 ± 1.0	WM100N52
250 ml	39.4 ± 0.2	63.5 ± 0.2	0.45	124 ± 0.5	WM250N39
	52 ± 0.2	55 ± 0.2	0.4	114 ± 1	WM250N52
500 ml	39.4 ± 0.2	74 ± 0.2	0.45	175 ± 0.5	WM500N39
	52 ± 0.2	63.5 ± 0.2	0.45	200 ± 1	WM500N52
1 Liter	39.4 ± 0.2	89 ± 0.2	0.5	236 ± 0.5	WM1000N39
	52 ± 0.2	89 ± 0.2	0.5	222 ± 1	WM1000N52
5 Liter	39.4 ± 0.2	173 ± 1	0.7	314 ± 0.5	WM5000N39

<p>Type: BulkPACK</p> 	<p>Basic Features:</p> <ul style="list-style-type: none"> ▪ Available in volumes – 10 and 20 Liters. <p>Usage:</p> <ul style="list-style-type: none"> ▪ Manual capping and sealing.
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Bottle Specifications:					
Size	Neck Inner Dia (Millimeters)	Body Dia (Millimeters)	Wall Thickness (Millimeters)	Height (Millimeters)	Product Code
10 Liters	23.6/28.4/27/33	255 ± 1	1.8	200 ± 2	BP10N
20 Liters	23.6/28.4/27/33	255 ± 1	1.8	400 ± 4	BP20N

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IMPACT METALS LIMITED

Manufacturer of Large Aluminium Capacitor Cans

Manufacturers of aluminium cans for oil filled / electrolytic capacitors. The following is the list of different capacitor cans readily supplied. Diameters 27, 50, 54, 57, 63.5, 65, 75, 85, 90, 116 in required length with or without stud at the bottom can be readily supplied. Also tools for newer dimensions are being developed.

Can Diameter (mm)	Length (mm)	Body Thickness (mm)	Bottom Thickness (mm)	Bottom Stud
27	55	0.35 ± 0.03	0.5 ± 0.1	No
50	123	0.42 ± 0.03	1 ± 0.1	No
	130	0.42 ± 0.03	1 ± 0.1	No
	140	0.42 ± 0.03	1 ± 0.1	No
54	123	0.45 ± 0.03	1 ± 0.1	No
	135	0.45 ± 0.03	1 ± 0.1	No
57	123	0.45 ± 0.03	1 ± 0.1	No
	135	0.45 ± 0.03	1 ± 0.1	No
63.5	124	0.6 ± 0.05	1.2 ± 0.2	Yes
	135	0.6 ± 0.05	1.2 ± 0.2	Yes
	140	0.6 ± 0.05	1.2 ± 0.2	Yes
	149	0.6 ± 0.05	1.2 ± 0.2	Yes
	159	0.6 ± 0.05	1.2 ± 0.2	Yes
	170	0.6 ± 0.05	1.2 ± 0.2	Yes
65	285	0.6 ± 0.05	1 ± 0.1	Yes
75	160	0.6 ± 0.05	3 ± 0.5	Yes
	200	0.6 ± 0.05	3 ± 0.5	Yes
	270	0.65 ± 0.05	2.5 ± 0.5	Yes
85	200	0.65 ± 0.1	3.5 ± 0.5	Yes
	275	0.65 ± 0.1	3.5 ± 0.5	Yes
	285	0.65 ± 0.1	3.5 ± 0.5	Yes
	350	0.65 ± 0.1	3.5 ± 0.5	Yes
90	350	0.7 ± 0.1	3.5 ± 0.5	Yes
116	197	0.8 ± 0.1	3.5 ± 0.5	Yes

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IMPACT METALS LIMITED
High Quality Aluminium Slugs and Sheets

Regular / Rigid Slugs

Diameter	Min Thick	Max Thick	Diameter	Min Thick	Max Thick
10.0	3.0	7.0	45.5	3.0	8.0
12.5	3.0	8.0	48.0	3.0	8.0
13.3	3.0	8.0	49.5	3.0	8.0
14.7	3.0	12.0	53.0	2.0	8.0
15.6	3.0	8.0	53.7	4.0	11.0
17.7	3.0	8.0	54.7	4.0	11.0
18.8	3.0	8.0	55.5	4.0	10.0
19.8	3.0	11.0	57.1	4.0	10.0
21.6	3.0	10.0	63.2	4.0	10.0
22.0	3.0	8.0	65.4	4.0	10.0
24.8	3.0	8.0	66.0	4.0	10.0
26.8	3.0	8.0	74.8	4.0	11.0
29.8	3.0	8.0	75.7	4.0	11.0
34.8	3.0	9.0	88.3	4.0	10.0
39.8	3.0	8.0	88.7	4.0	10.0
44.7	3.0	8.0			

Pierced Slugs

Diameter	Bore in mm	Thickness in mm	
		Maximum	Minimum
12.5	5.0	3.0	6.0
13.3	5.0	3.0	6.0
15.8	6.0	3.0	6.0
15.8	7.0	3.0	6.0
18.8	7.0	3.0	6.0
20.8	10.0	3.0	6.0

22.0	8.5	3.0	6.0
22.0	10.0	3.0	6.0
25.2	10.0	3.0	6.0
26.8	10.0	3.0	6.0
31.5	10.0	3.0	6.0
34.8	10.0	3.0	6.0
56.8	12.5	3.0	6.0

Circles

Diameter in mm	Thickness in mm		Diameter in mm	Thickness in mm	
	Min	Max		Min	Max
125	0.6	5.0	275	1.5	5.0
133	0.6	5.0	280	1.5	5.0
150	0.6	5.0	285	1.5	5.0
160	0.6	5.0	305	1.5	5.0
182.5	0.6	5.0	307	1.5	5.0
187	0.6	5.0	320	1.5	5.0
225	1.5	5.0	322	1.5	5.0
238	1.5	5.0	336	1.5	5.0
250	1.5	5.0	355	1.5	5.0
262	1.5	5.0	360	1.5	5.0
265	1.5	5.0	384	1.5	5.0
270	1.5	5.0	416	1.5	5.0

Custom manufacturers, as per requirement. Sizes not mentioned in the above list are supplied by making required tools within a short time.

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