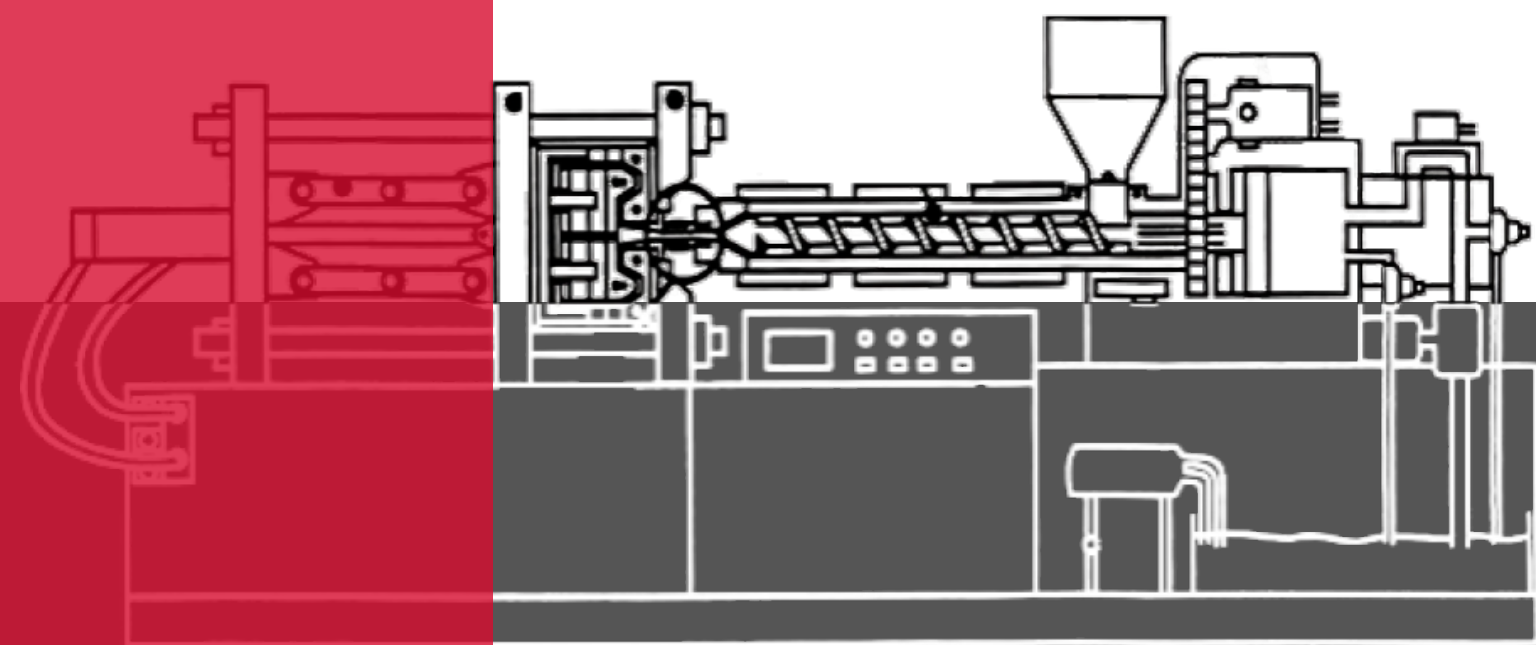


40 Years
OF EXCELLENCE IN
PRODUCT MANUFACTURING

VION

High quality. High satisfaction

INDUSTRIAL CATALOGUE



**Plastic Products &
Appliances Manufacturer**





About Us

Fast growing plastic products and appliances manufacturing company. The company believes in enriching people's lives through its products making it Happier, Healthier and Easier. VION is sister company of Five Star Engineering works having over 40 years of experience in Product Development, the company has extraordinary credibility and reliability. The company designs and develops Home Appliances Products, Ventilation Fans, Surgical Equipment, Laboratory Equipment. Also, it works on projects for various bigger OEMs and Brands as per their design and requirements. The company has state-of-the-art tool room for manufacturing of Plastic Injection Moulds.

Our Mission

Our mission is to deliver precision-engineered solutions, from custom moulds to proprietary products such as ventilation fans, portable geysers, and vegetable choppers. Committed to client success.

Our Vision

Vion Industries pledge to maintain and expand our clientele through unwavering commitment to quality, service excellence, and competitive pricing, fostering enduring customer relationships.

Our Services

Design & Development

Part Design
Part Design Optimization
Products Construct design
Product Design Assistance
Mechanical Properties
Cost Analysis
Design for Manufacturing
Reverse Engineering
Products Updated Design
Tooling Plans
Quality Requirement Planning
Competitive Comparison to parallel market products

01

Mold Building

Precision Mold Tooling
Cold Runner System Mold
Insert Tooling & Molds
Unscrewing Molds
Multi & Single Cavity Molds
Two Stage Molds
Blow Molds

02

Engineering

CAD/CAM Design
Mold flow analysis
DFM Report
Early Stage Engineering
Complex Mold Design
Material Selection
Consultation
Material Testing and Validation
Product Testing
Tooling design
Consulting Service
Rapid 3D Prototyping
Mold Economy Analysis

03

Injection Molding

Full Service custom injection molding
Precision Injection molding
Mass Production
Color code sampling
Mold Trials

04

Manufacturing

Precision CNC Machining
Custom wire cutting and EDM Sparking
Mold Repairing
Metal or Plastic Component Manufacturing

05

Assembly

Standard Equipment & Parts Analysis
Vendor Building
Purchasing & Stocking
Product Building on Assembly Line
Mass Production

06

Quality

Assembly Line Checks
Individual Part Testing
Intensive Product Testing
Physical/Visual & Mechanical Testing
Report Building

07

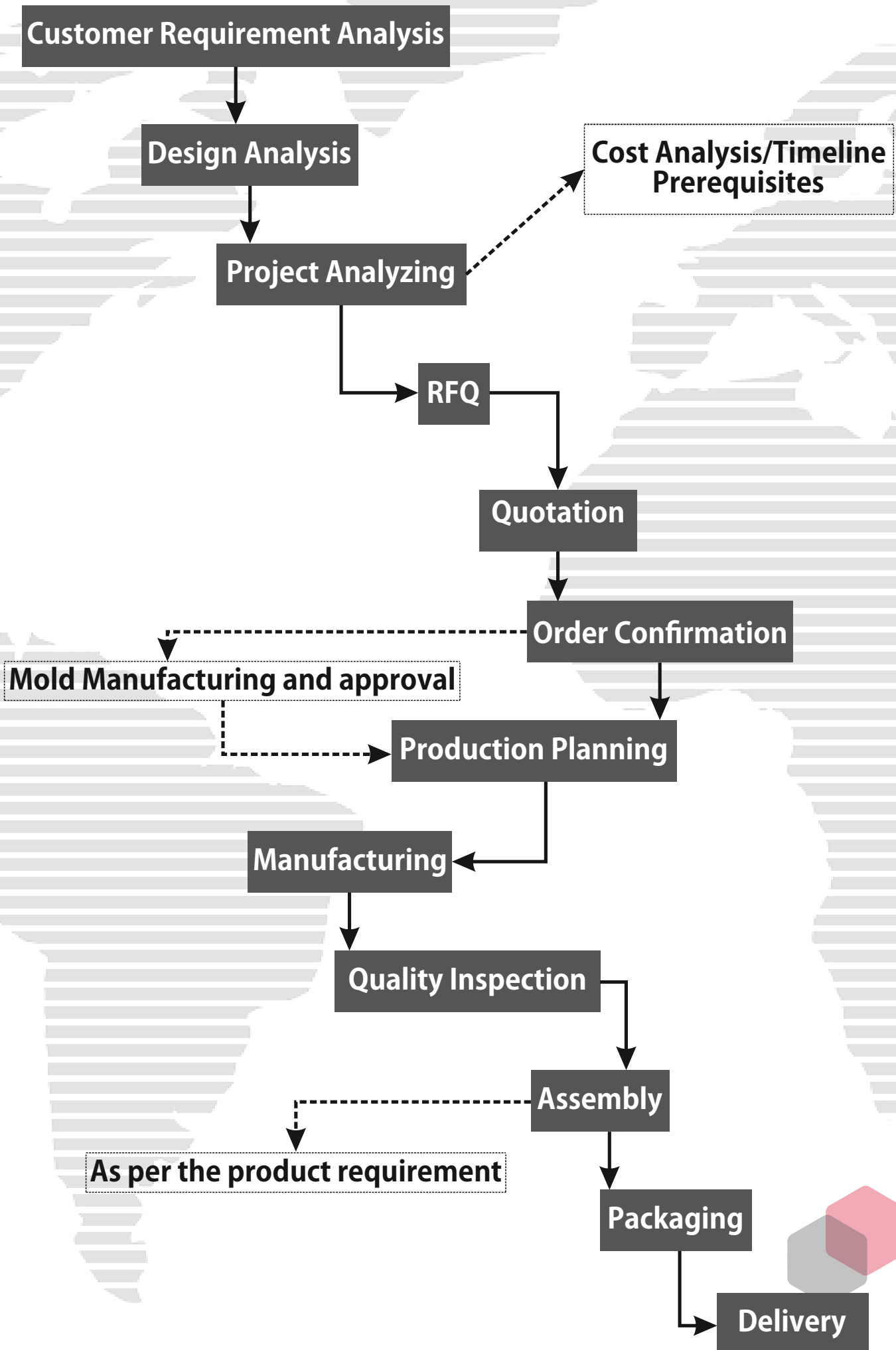
Packaging & Shipping

Polymer Packaging (LDPE)
Carbon Packaging (Unit & Master Carton/
Printed & Non-Printed)
Stickering
Transportation (Direct & Indirect)

08

**One Stop Solution
For
Plastic Products & Appliances**

Cooperation Process Workflow



Automotive Industry



Head Light Back Cover

Holding case for the headlight unit

Plastic Material: ABS



Fuel Tank Side Cover

Internal load taking part

Plastic Material: Nylon 30%GF with Annealing



Side Rear View Mirror

Special stripper injection mold, manufactured for a very peculiar ejection mechanism for the rear cover of mirror

Plastic Material: Nylon 6

Car Handle Lever

Peculiar design for car door exterior handle

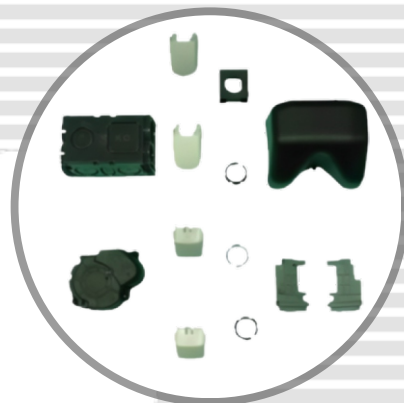
Plastic Material: ABS



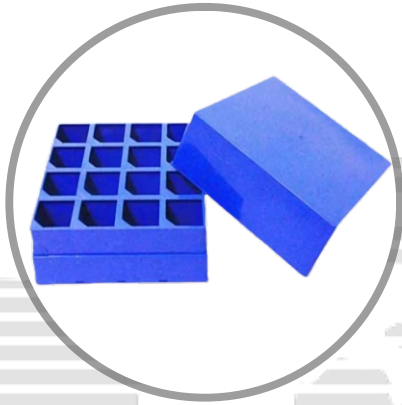
Mold Components

Various assorted components for the fitment assembly of interior unit

Plastic Material: Nylon 66



Medical Industry : Lab Equipments



Test Tube Stand

Stand to hold the test tubes
securely in place

Plastic Material: ABS



Test Tubes

Pharmaceutical lab
equipment

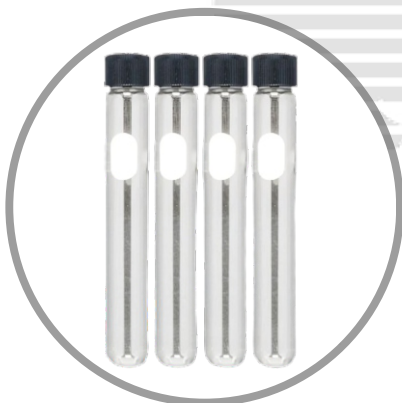
Plastic Material: PP



Oximeter Body

Sterdy body of oximeter to
hold the delicate sensors

Plastic Material: Pre-colored
ABS



LLE Tubes with Cap

Pharmaceutical lab
equipment in various sizes -
5ml, 10ml, 15ml

Plastic Material: Low density
Polyethylene

Lab Beaker range 50ml to 2000ml

Liquid holding beaker with
precise graduated marking
ranging from 50ml to 2 litres

Plastic Material: PP random



Air Tightner

Air sealing device

Plastic Material: ABS



Pipette Gun

Peculiar mechanism based lab
equipment

Plastic Material: PP



Medical Industry : Lab Equipments



Viles 5ml,10ml, 25ml

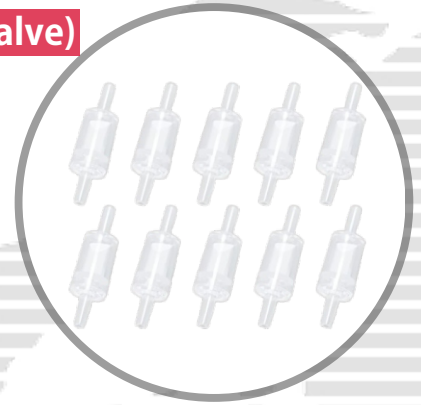
Different range of viles as per utility

Plastic Material: PP random

NRV (Non Return Valve)

Non return valve for surgical operations

Plastic Material: PP



Pipette Stand Rotatory

Rotating stand for pipette used to dry after washing

Plastic Material: PP

Pipette Stand Vertical

Static stand for pipette used to dry after washing

Plastic Material: PP



Medical Industry : Surgical Equipments

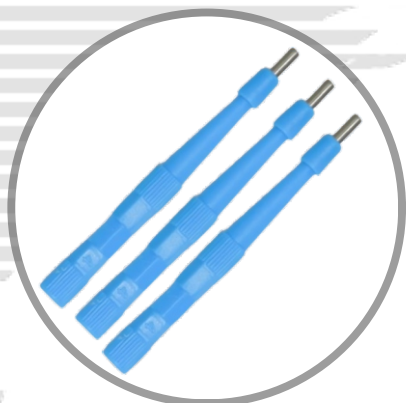
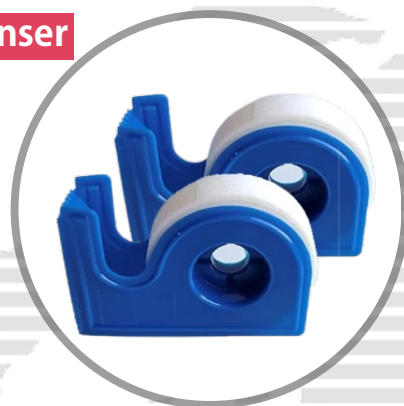


Surgical Scalpel

Surgical knife with precision
graduated marking
Plastic Material: ABS

Surgical Tape Dispenser

Disposable surgical tape
dispenser in sizes 0.5, 1, 2 and
3 inches
Plastic Material: PP

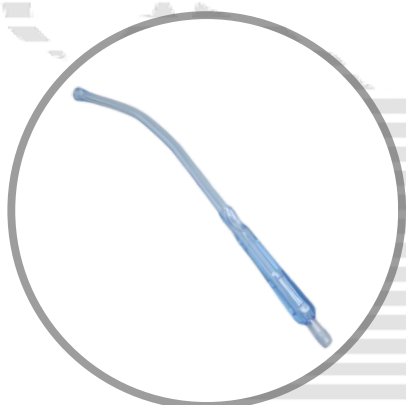


Biopsy Punch

Biopsy punch handle
ranging from 0.3mm upto
0.8mm
Plastic Material: ABS

Dermal Curette

Curette for surgical purposes
Plastic Material: ABS



Yaunker Handle

Peculiar design with post
molding process
Plastic Material: PC

Curette Handle

Curette handle for surgical
purposes
Plastic Material: ABS



Appliances Industry



Fire Alarm Body

Plastic Material: Nylon 6 with
FR grade master batch



Chopper

Ready to use , must for
kitchen home appliance for
quick chopping
Plastic Material: assembly of
ABS body, Nylon gear
assembly, Copper motor and
PC container



Chopper Whisker

Beating/whiskong tool
attachment along with the
chopper
Plastic Material: Nylon 6 body
with Nylon 30%GF cap



Portable Geyser

Economical Instant water
heating appliance with
connector and pipe
Plastic Material: PPTF
container, ABS cover, Nylon
plate for heater with silicon
gasket.

Electrical Cover Plate

LED light back casing
Plastic Material: ABS



Chopper Blade

Blade used for efficient
chopping ,single and double
blade available
Plastic Material: Insert
molding for Nylon with ss
blades



Portable Geyser Wall clip

Hanging unit for 1 ltr portable
geyser
Plastic Material: ABS



Appliances Industry



Mixi Body

Plastic Material: ABS Mixi
body set for 750 W

Juicer Jar 1.25ltr/ 1.5ltr

Assembly of juicer jar set of
1.25 ltr and 1.5 ltr for mixi
including SS filter
Plastic Material: PC jar, ABS
filter and socket, PP lid



Color: ● ●

Jar Handles

Sterdy innovative design of
jar handle
Plastic Material: PP talc field
20%



Mixture Components

Various design and models of
various sizes of lids, handles,
sockets etc.

Plastic Material: PC, delrin, PP,
ABS, LDPE



Jar Lid

Jar lid with lock mechanism
and tight fitment
Plastic Material: PP



Ventilation Industry

Ventilation Fan Regular

Exhaust fan with flap in high speed as well as low speed in various colors

Plastic Material: PPCP body with electric motor



Ventilation Fan Supreme

Exhaust fan with flap and front grill in high speed as well as low speed in various colors

Plastic Material: PPCP body with electric motor



Axial Fan Regular

Compact exhaust fan with unique look suitable for offices and small spaces in various colors

Plastic Material: ABS body with electric motor



Axial Fan Supreme

Compact exhaust fan with cover plate suitable for offices and small spaces in various colors

Plastic Material: ABS body with electric motor



Fan Blades

Fan blades of different sizes and shapes for coolers/pedestal fans and ventilation fans

Plastic Material: ABS



FAQ

What types of plastic moulding services do you offer?

- 🎯 We provide a comprehensive range of services, including injection moulding, blow moulding, and rotational moulding, catering to diverse industries and applications.

What industries do you serve?

- 🎯 We have extensive experience serving industries such as automotive, medical, consumer goods, and electronics, among others. Our versatility allows us to meet the unique requirements of various sectors.

Can you assist with product design and prototyping?

- 🎯 Yes, we offer comprehensive design and prototyping services. Our skilled team collaborates with clients from concept to completion, providing valuable insights and expertise in bringing ideas to life.

How do you handle tooling and mould maintenance?

- 🎯 We prioritize tooling and mould maintenance to ensure longevity and consistent quality. Our dedicated maintenance protocols contribute to the efficiency and reliability of our moulding processes.

What materials can be used in the moulding process?

- 🎯 Our capabilities extend to a wide array of materials, including polyethylene, polypropylene, ABS, PP, PC, HDPE, LDPE and many more. And engineering materials Nylon6, Nylon66, Polycarbonate etc. We can assist in selecting the ideal material for your specific needs.

What is your production capacity?

- 🎯 We have Thirteen Injection Moulding Machines varying from 60 ton to 320 ton capacity. We have also arrangement for big moulding machines upto 600 ton locking capacity. All machines are PLC controlled (Indian and Imported manufacturers). We are capable of manufacturing products in all types of engineering Plastic materials. Such as ABS, NYLON, DELRIN, SAN, PP, POLYCARBONATE, ETC.

Are you providing White labeling service?

- 🎯 Yes, Vion Industries offers white labeling services. We understand the importance of brand identity and recognize that our clients may wish to market products under their own brand names. With our white labeling service, we provide products that are manufactured and designed by us but can be labeled and marketed under your brand, offering a seamless and personalized solution for your business needs.

Certificate





VION



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