



RAK GHANI
GLASS LLC, U.A.E.

PHARMACEUTICAL CONTAINERS

The world is our local market

High Quality Alpha Pharmaceutical Glass Containers

Selling Over 1.7 Billion Glass Containers p.a



CERTIFIED CLASS 100,000 CLEAN ROOM FACILITY

RAK Ghani Glass LLC is a venture between Ghani Glass – Pakistan (market leaders in glass containers, float glass and value added glass manufacturing in South Asia), RAK Investment Authority – UAE (investment wing of Government of Ras Al Khaimah), and JS Group – Pakistan (one of the leading investment groups of Pakistan engaged in number of businesses) and Experts from the fields of glass industry, packaging, finance, investment and strategic planning from around the globe are committed to deliver the best glass packaging for pharmaceutical brands of the world.

With the technical expertise from Ghani Glass Limited, RAK Ghani Glass is positioned to develop as one of the leading pharmaceutical glass packaging manufacturers, globally. The company is producing and developing European quality light weight pharmaceutical glass containers ready to be delivered at the doorsteps of GCC, Middle East, Asian and European pharmaceutical companies. RAK Ghani is the only plant in the MENA region, featuring a certified Class 100,000 Clean Room Facility, giving it a strategic and competitive edge over other glass players of the region. The alpha pharmaceutical amber glass containers being produced at RGG are ready and safe for filling lines of the pharmaceutical companies.

Located most strategically in UAE (near Dubai – the global business hub), RAK Ghani Glass is supported by the business friendly economic policies of UAE, which features an enviable infrastructure of swift communications, modern network of roads and most of all the freight friendly sea port for easy global exports and other support facilities that are extremely reliable and one of the best in the world.

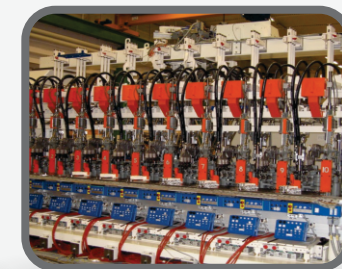
Glass packaging by RAK GHANI is shaped with comprehensive quality assurance, according to international glass containers manufacturing standards and procedures. Commitment to quality and customer care has enabled the company to start achieving dominant market shares in its targeted areas of GCC, Europe, Africa, Middle East and Asia and achieving high customer satisfaction levels. The quality centered approach is evident from the fact that RAK Ghani is fulfilling the glass requirements of numerous satisfied customers with regular exports to over 44 countries.

Since its inception, which is recent, RAK Ghani Glass has earned its reputation and is on the way to getting its brand name registered as the leader in the container glass industry not only in the region but globally. Featuring highly sophisticated plant, state of the art manufacturing facilities, latest machinery, incessant R&D, steady innovations and provision of value added glass containers fulfilling customized demands of international pharmaceutical customers to their ultimate level of satisfaction, RAK Ghani is emerging as a promising brand name amongst the global pharmaceutical glass manufacturers.

Experiencing a decade of our success in becoming the preferred supplier of high quality amber glass containers to more than 180 customers in 44 countries around the globe. It is giving us immense pleasure to reach new horizons by continuously improving our quality and services, we are proud to announce the expansion of our plant facility by increasing the production capacity and by adding new product line of Type II glass to produce flint and amber glass containers to serve our partners more extensively. This new line is expected to be fully operational soon enabling us to fulfil the ever growing requirements of our valued partners.

RAK Ghani Glass possesses a strong technology base with well trained human resource in all divisions for design & engineering of projects, products and processes in all its areas of interests. RGG is a 40 KTPA plant, producing 600 Million (p.a.) light weight pharmaceutical glass containers of European Standards, as per latest NNPB technology and according to desired sizes and shapes of its pharmaceutical customers. The plant is fully equipped with latest machineries and covers all relevant international accreditations and quality certifications, which are required by the pharmaceutical companies globally and is a pre requisite for exports to European markets.

Manufacturing facility being located in almost the virtual center of the global map, RAK Ghani's reach on the world wide level is superlative, giving it an edge over sundry competitors. Its glass plant's location in the central business mainstream of UAE, supported with highly flexible and friendly economic, labor and export policies, gives RAK Ghani an extra boost to deliver extra value with world class quality, while promising competitive prices.



Certified Class 100,000 Clean Room



RAK Ghani is featuring a certified Class 100,000 Clean Room Facility, giving it a strategic and competitive edge over other glass players of the region. The alpha pharmaceutical amber glass containers being produced at RGG are ready and safe for filling lines of the pharmaceutical companies. The clean room is certified as per the internationally accepted ISO 14644 – 1/Class 100,000 Clean Room and is equipped with highly sophisticated machinery and equipments from the world class manufacturers, including Emhart, Anotonini, Horn and Zippe. The Clean Room is manned with adequately trained, internationally qualified and abundantly experienced quality control personnel to ensure quality at each step from input to output. At each phase “no man handling” of bottles is ensured and a highly controlled environment is maintained in the Clean Room so as to ensure that pharmaceutical manufacturers receive 100% hygienic and ready to fill bottles at their ends. From production till palletizing and packing, a dust free environment is guaranteed.



International Quality Certifications



At Rak Ghani Glass, all required international quality certifications are met with and quality is ensured at every stage of production. May it be environment, safety, clean room or good manufacturing practices, RGG understands and values the significance and magnitude of each standard and is fully poised to undertake all necessary steps to successfully and effectively implement the quality procedures. RGG apprehends how important the hygiene is for the end users and to what extent its pharmaceutical customers grade it, therefore, the company is undertaking extra efforts to deliver quality, healthy and hygienic glass containers to its customers.

The international quality standards being followed at RGG include:



ISO 9001: 2008



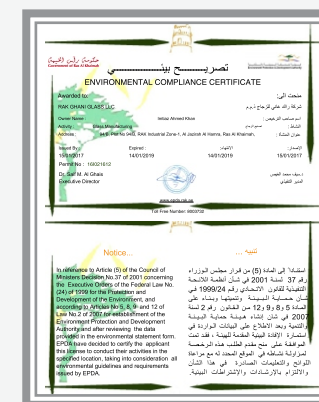
ISO 14001: 2004



ISO 15378 : 2006



ISO 14644-1/ Class 100,000



Environmental Compliance Certificate.

We are one of the flag holders amongst the global glass industry in supporting the green culture in manufacturing practices and are proud to have emission free glass production facilities even when the basic production process is initiated with a furnace. Our production facility is ISO certified for environment protection and follow all internationally accepted standards of safety, to the highest degree.

We know that glass is a unique packaging material that is 100% recyclable. Therefore, we are committed to sustainability at every level of our business. We apply a holistic approach that maximizes recycled content, optimizes furnace energy, and gradually integrates green energy sources to reduce our environmental impact.



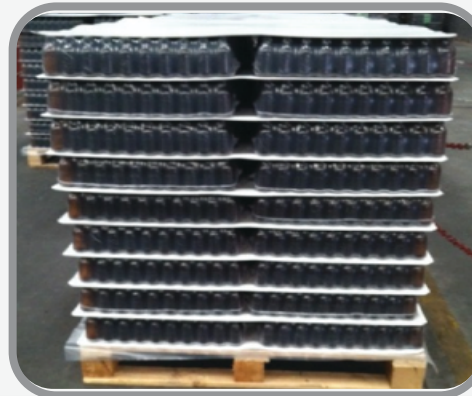
Global Coverage and Reach



World class manufacturing and quality is the benchmark at Ghani. We are committed to provide the best glass products to the globe and are focused to continuous improvement in enhancing the value of our glass containers with a constant focus on quality and manufacturing excellence. The global acceptance level of RAK Ghani glass containers and its total quality approach is evident from the fact that at Ghani, we are fulfilling the glass requirements of over 1,000 satisfied customers globally with regular exports to over 44 countries.



Effective logistic control and material handling is yet another aspect in which RAK Ghani has gained professional grip over the period of time. RAK Ghani has developed a highly professional mechanism to support and handle the logistics nationwide and ensure timely and flawless delivery of glass products at the door steps of its esteemed customers. RAK Ghani also has a strong operational control on logistics globally. The bottles from clean room are packed in pallets in a highly controlled, hygienic and dust free environment, ensuring that there is no human handling and outer exposure to the bottles till the time of final packing. To ensure the same, fully automatic machinery is deployed which ensure clean packing of bottles in sterilized packing material, ready to be shipped and ready for filling lines. The packed glass containers are secured in pallets and are ready to be shipped via containers, as per the requirements of the customers.



- **Class 100,000 Clean Room facility in the region:** RAK Ghani is featuring certified Class 100,000 Clean Room facility, giving it a strategic and competitive edge over other glass containers manufacturers. The alpha pharmaceutical amber glass containers being produced at RGG are safe, hygienic and ready for filling lines of the pharmaceutical companies. The clean room is certified as per the internationally accepted ISO 14644 – 1/Class 100,000 Clean Room certification and is equipped with highly sophisticated machinery and equipments from the world class manufacturers, including Emhart, Anotonini, Horn and Zippe.
- **New product development:** RAK Ghani features one of the industry's most highly regarded, expert and professional technical team, supported with a back up of strong in house R&D and expertise in all processes, procedures and controls, with a high success rate for new production runs, fast paced innovation in glass formations and designs. This gives RAK Ghani a technical edge over competitors and enables to achieve highest standards of quality in all its glass packaging and enables to fulfill the customized requirements of its esteemed customers.
- **Indigenous raw material:** RAK Ghani Glass has a superlative advantage over others, as the parent company of Ghani Group called Ghani Glass Limited, owns and operates largest silica sand mines (the basic raw material in glass production) in Pakistan in the private sector, giving RGG a strategic competitive point of difference as the finest quality raw material becomes easily available to RGG. This facilitates RAK Ghani to achieve low production costs while ensuring high standards of production quality.



Strengths



- **We are responsive:** RAK Ghani's technical and marketing team is highly responsive to any complaint and trouble shooting from production till final receipt of goods. Benchmarks are set for ensuring professional and effective after sales customers' services in order to achieve and maintain highest level of customer satisfaction and delight. All necessary steps are undertaken at each level of interaction with the customers to ensure customer retention and positive brand image building.
- **Production with extensive quality assurance:** RAK Ghani Glass ensures that all international quality standards are met with at all level of production at the plant. Specially trained and professionally skilled quality control supervisors and managers are deployed to guarantee quality at all levels of production.
- **Values-based leadership:** RAK Ghani's business philosophy is based on integrity, accountability, communication, teamwork, quality, process discipline and data-driven decision making. We believe in long-term relationships with our customers and embark on all practices to ensure the same at each level of connections with the customers. Even our relationships with our suppliers are also at the same level of commitment and association. RGG's customer retention ratio is a support to the tagline.
- **Strategic location:** RAK Ghani is strategically located, properly machined, clean, safe and efficient, with a comprehensive reach within the region and across-the-board coverage globally. Moreover, export competitiveness, proximity to GCC, MENA, South Asian and European markets gives RAK GHANI an additional edge.

- **Production process control:** Special emphasis is given on best practices to improve efficiency in all aspects of production to deliver highest quality. Continued research and development also plays a pivotal role.
- **Strong focus on safety:** Industry's leading safety performance standards set at the plant, creates positive employee morale to deliver quality to customers. Peak standards and safety procedures are being maintained at the production facilities to ensure a green environment and positive society.
- **Emphasis on in-plant quality:** Regular quality audits are conducted within the plant to ensure continuous improvement and communicate best practices. Strict quality control & international assurance standards are set up at plants.
- **Responsive production planning:** Team works directly with customers to produce correct quantity on time in the most freight-logical manner. Incessant international consultants' training & updations of internationally accredited production techniques are ensured at plant to continuously improve the production and all the planning processes involved therein.



Technical Legend

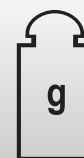


ART

Article #



Item



Weight(gms)



Brimful Capacity



Total Height



Body Dia













Neck Finish

Product specifications detail

Specifications



RAK GHANI
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| | ART-105 | | ART-183 | | ART-139 | | ART-142 | |
|---------|--|--|--|--|---|---|---|--|
| |  | |  | |  | |  | |
| |  |  |  |  |  |  | | |
| ART-105 | 10 ML | 22±2 | 14±1 | 60±0.6 | 24±0.5 | GL-18 | | |
| ART-183 | 10 ML | 25±2 | 14±1 | 60.7±0.8 | 25±0.5 | GL-18 | | |
| ART-139 | 15 ML | 26±2 | 19±1 | 60±0.6 | 29±0.5 | GL-18 | | |
| ART-142 | 20 ML | 26±2 | 22±1 | 61.5±0.6 | 29.7±0.5 | GL-18 | | |

Specifications



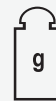
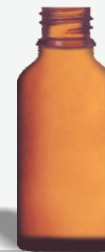
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ART-154

ART-178

ART-141

ART-108



ART-154

30 ML
with mark 15

41±2

37±2

67±0.8

35±0.7

28PP

ART-178

30ML

43±2.7

34.8±1.5

80±0.8

33.5±0.8

22PPF

ART-141

30 ML

44±2

36.5±1.8

80.2±1

33±0.6

GL-18 Special

ART-108

30ML

40±2

37±2











67±0.8

35±0.7

28PP











Specifications



| | ART-101 | ART-114 | ART-115 | ART-181 | | |
|---------|--|--|--|--|---|---|
| |  |  |  |  | | |
| |  |  |  |  |  |  |
| ART-101 | 60ML | 62±3 | 67.3±2 | 94±0.8 | 38.6±0.7 | 28PP |
| ART-114 | 60ML <small>with mark 60ml</small> | 62±3 | 72.5±2 | 82.5±0.8 | 43.8±0.8 | 28PP |
| ART-115 | 60ML | 62±3 | 73±2 | 96±1 | 41.1±0.9 | 28PP |
| ART-181 | 60ML <small>with mark 30ml</small> | 62±3 | 67.5±2 | 94±0.8 | 39.6±0.6 | 28PP |










Specifications



| | ART-131 | ART-116 | ART-117 | ART-182 | | |
|---------|--|--|--|--|---|---|
| |  |  |  |  | | |
| |  |  |  |  |  |  |
| ART-131 | 60ML with mark 40ml | 62±3 | 67.5±3 | 94±0.8 | 38.6±0.7 | 28PP |
| ART-116 | 78ML | 64±3 | 78±4 | 95±1.2 | 42±1.2 | 28PP |
| ART-117 | 100ML Dry Syrup | 72±3.5 | 110±4 | 101.6±1 | 47±1 | 28PP |
| ART-182 | 100ML with mark 50ml | 72±2 | 108±2.5 | 104.8±0.9 | 46.7±1.0 | 28PP |

Specifications



| | ART-126 | | ART-103 | | ART-102 | |
|---------|--|--|--|--|---|---|
| |  | |  | |  | |
| |  |  |  |  |  |  |
| ART-102 | 100ML | 72±3 | 108±2.5 | 104.8±0.9 | 46.1±0.8 | 28PP |
| ART-103 | 100ML with mark 60ml | 74±3 | 108±4 | 104.8±0.9 | 46.1±0.8 | 28PP |
| ART-126 | 100ML | 75±3 | 117±5 | 113.8±1 | 44.5±1 | 28PP |

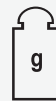
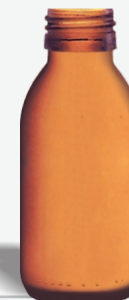
Specifications



ART-128

ART-132

ART-155



ART-128

100ML
with mark 75ml

72±3.5

108±2.5

104.8±0.9

46.1±0.8

28PP

ART-132

100 ML

77±3.5

109±4

107.5±1.1

46.7±1.1

M.C.A.2

ART-155

115 ML

75±3

116±4










110.2±1

46.1±1

28PP

Specifications



| | ART-226 | | ART-266 | | ART-227 | |
|---------|--|--|--|--|---|---|
| |  | |  | |  | |
| |  |  |  |  |  |  |
| ART-226 | 115 ML | 76 \pm 4 | 126.5 \pm 4 | 108 \pm 1.0 | 49 \pm 1.0 | 28PP |
| ART-266 | 115 ML | 86 \pm 4 | 122 \pm 4 | 108 \pm 1.0 | 49 \pm 1.0 | 28PP |
| ART-227 | 115 ML | 77 \pm 4 | 126.5 \pm 4 | 108 \pm 1.0 | 49 \pm 1.0 | 28PP |

Specifications

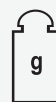
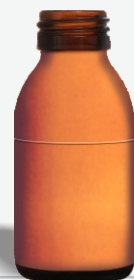


ART-188

ART-224A

ART-201

ART-202



| | ART-188 | | | ART-224A | | | ART-201 | | | ART-202 |
|--|---|--------|-----------|-------------|------------|-------|---------|--|--|---------|
| | 100 ML | 72 ± 2 | 108 ± 2.5 | 104.8 ± 0.9 | 46.2 ± 0.8 | 28 PP | | | | |
| | 120 ML | 90 ± 5 | 130 ± 3 | 115.2 ± 1.2 | 48 ± 0.8 | 22 PP | | | | |
| | 125 ML | 82 ± 3 | 133 ± 2.9 | 114.4 ± 0.9 | 49 ± 0.8 | 28 PP | | | | |
| | 125 ML <small>with mark 100 ml</small> | 82 ± 3 | 133 ± 2.9 | 114.4 ± 0.9 | 49 ± 0.8 | 28 PP | | | | |

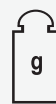
Specifications



ART-211

ART-229

ART-203



ART-211

125 ML
with mark 80ml

82±3

133±4

114.4±0.9

49±0.8

28PP

ART-229

150 ML

98±4

158±3.3

121.6±1.0

51.6±1.0

M.C.A. 2

ART-203

150 ML

98±4

158±3.3










122.8±1

51.6±1

28PP

Specifications



| | ART-225 | | ART-207 | | ART-230 | |
|---------|--|--|---|--|--|---|
| |  | |  | |  | |
| |  |  |  |  |  |  |
| ART-225 | 180 ML | 110±4 | 188±5 | 130 ±1.2 | 54.3±1.2 | 28PP |
| ART-207 | 200 ML | 120±4 | 209±4 | 133.3±1 | 57±0.9 | 28PP |
| ART-230 | 200 ML | 125±3 | 225±5 | 134.05 ±1 | 58,2±1 | M.C.A. 2 |

Specifications



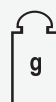
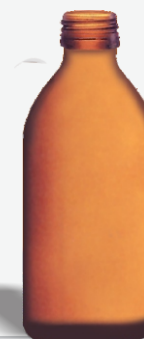
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ART-186

ART-204

ART-302

ART-301



ART-186

30 ML

40 ± 2

40 ± 1

67 ± 0.8

36.5 ± 8

28 PP

ART-204

200 ML

125 ± 3

225 ± 5

135.5 ± 1

58.2 ± 1

28PP

ART-302

250 ML

160 ± 4

260 ± 5

142.9 ± 1

61.7 ± 1

28PP

ART-301

300 ML

168 ± 5

315 ± 5.8

151.3 ± 1

65.6 ± 1

28PP

Specifications

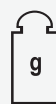


ART-168

ART-138

ART-159

ART-187



| | | | | | | |
|---------|-------|----------|----------|------------|------------|-----------------|
| ART-168 | 10 ML | 19.5 ± 2 | 18.5 ± 2 | 41 ± 0.5 | 30 ± 0.5 | Special/Snap On |
| ART-138 | 10 ML | 27+2 | 14+1.2 | 63.7+0.6 | 24.2+0.5 | GL-18 |
| ART-159 | 10 ML | 23 ± 2 | 14 ± 1 | 59.2 ± 0.5 | 25 ± 0.5 | GL-18 |
| ART-187 | 15 ML | 32 ± 1.6 | 19.5 ± 1 | 61.6 ± 0.6 | 28.3 ± 0.5 | 22 PP |

Specifications



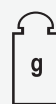
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RG-134

ART-169

RG-137

ART-184



RG-134

15 ML

26 \pm 2

19 \pm 1

60.2 \pm 0.6

29 \pm 0.5

GL-18

ART-169

20 ML

28 \pm 2

29 \pm 2

60.5 \pm 0.6

30 \pm 0.6

Special/Snap On

RG-137

20 ML

35 \pm 2

25 \pm 1.2

69 \pm 0.8

30.9 \pm 0.8

GL-18

ART-184

50 ML

56 \pm 6

62.5 \pm 3

86.8 \pm 1

38.4 \pm 1.1

28 PP MCA-2

Specifications



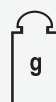
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GLASS LLC, U.A.E.

ART-185

ART-174

RG-259

ART-232



ART-185

60 ML

72 ± 2

61.2 ± 2

93.8 ± 0.8

40.8 ± 0.8

20 S

ART-174

100 ML

75 ± 3

100 ± 3

104.8 ± 0.9

46.4 ± 0.8

28 PP

RG-259

160 ML

98 ± 3

168 ± 4

122.8 ± 1

51.6 ± 1

28 PP

ART-232

200 ML

125 ± 3

225 ± 5

135.5 ± 1

58.2 ± 1

28 PP

New project TYPE II Amber & Flint Vials / Bottles



| | | | | | | |
|----------|--------|--------|----------|-------------|------------|------|
| RG-265 | 10 ML | 22 ± 2 | | 53.3 ± 0.8 | 25.2 ± 0.6 | Vial |
| RG-272/A | 20 ML | 31 ± 2 | 27 ± 1.5 | 53.3 ± 0.8 | 58 ± 0.7 | Vial |
| RG-247/B | 20 ML | 31 ± 2 | 27 ± 1.5 | 122.8 ± 1 | 58 ± 0.7 | Vial |
| RG-245/B | 50 ML | 53 ± 3 | 60 ± 3 | 135.5 ± 1 | 73 ± 0.8 | Vial |
| RG-270/A | 50 ML | 53 ± 3 | 60 ± 3 | 93.8 ± 0.8 | 73 ± 0.8 | Vial |
| RG-271/A | 100 ML | 93 ± 3 | 120 ± 3 | 104.8 ± 0.9 | 94.5 ± 1 | Vial |
| RG-246/B | 100 ML | 93 ± 3 | 120 ± 3 | 122.8 ± 1 | 94.5 ± 1 | Vial |



RAK GHANI
GLASS LLC, U.A.E.

The world is our local market

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