

COMPANY BROCHURE



AERA
ENGINEERING PVT LTD

INTRODUCTION

Aera Engineering Pvt Ltd is a company that began its operations in July 2023. It is a registered organization specializing in precision engineering solutions. Aera Engineering Pvt Ltd is committed to providing high-quality products and services in the field of engineering and manufacturing.

Based in an exclusive Indian Organization located in Vadodara, Aera Engineering Pvt Ltd caters to both local and global markets. The company is dedicated to manufacturing and supplying sheet metal press components tailored to the specifications and drawings provided by customers. With extensive experience in part supply for various industries, including random packing parts, automotive parts, and electrical components, Aera Engineering Pvt Ltd ensures customer satisfaction and meets the diverse needs of different sectors.

At Aera Engineering Pvt Ltd, we prioritize the utmost care and attention to our clients. This commitment guarantees that our dispatched products adhere to high standards and ISO regulations. To ensure the highest possible quality, our in-house dedicated team conducts rigorous quality control procedures at every stage of production. From raw material testing to PMI testing of the finished product. Our product range encompasses a wide variety of precision-engineered components, including:

- >> PALL RINGS
- >> SADDLE RINGS
- >> CASCADE MINI RINGS (C-RINGS)
- >> RASCHIG RINGS
- >> ELECTRICAL, ELECTRONICS & LAMINATION COMPONENTS

By offering innovative engineering solutions and maintaining a strong focus on quality, Aera Engineering Pvt Ltd aims to establish itself as a trusted partner in the engineering industry, contributing to the success of our clients and partners in various sectors worldwide.

OUR PRODUCTS

RANDOM PACKING [METAL]

Aera Engineering Pvt Ltd provides metal P-Rings also known as Pall Rings, Aera Saddles also known as Intalox saddle, Aera Rings also known as Raschig ring and Aera Mini Rings also known as Cascade Mini Ring a trusted and widely used type of random packing. With a proven performance history and a large global installed base, Pall Rings are available in Stainless Steel, Carbon Steel, Aluminium, and Copper constructions. Choose Aera Engineering Pvt Ltd for reliable and customizable Pall Rings that meet the diverse needs of various applications.



RANDOM PACKING [PLASTIC]

Aera Engineering Pvt Ltd offers a range of high-quality plastic products for industrial applications. Aera Saddles also known as INTALOX saddles, Aera P-rings also known as pall rings, Aera Mini Rings also known as cascade mini rings, Aera Raschig ring also known as Raschig rings and Aera T-rings also known as Tellerette ring are designed for optimal mass transfer efficiency and uniform liquid and gas distribution. Made from durable materials like polypropylene (PP), polyethylene (PE), and polyvinyl chloride (PVC), our plastic products provide reliable performance and chemical resistance.



RANDOM PACKING [CERAMIC]

Aera Engineering Pvt Ltd offers high-quality ceramic products for industrial applications. Aera ceramic saddles also known as Intalox saddles, Aera p-rings also known as pall rings, Aera Raschig ring also known as Raschig ring and Aera Mini rings also known as cascade mini rings, optimize mass transfer efficiency and ensure uniform liquid and gas distribution. With excellent chemical resistance and thermal stability, our ceramic products meet the highest quality standards for various industrial needs.



RANDOM PACKING [METAL]

The Metal packings are typically made of metallic materials and have a random arrangement of shapes and sizes, such as rings, saddles, or spheres. . Metal random packing offers improved efficiency, durability, and resistance to harsh operating conditions compared to other packing materials. The grades include STAINLESS STEEL 304L AND 316L, HASTELLOY, MONEL, MILD STEEL AND COPPER.



AERA P-RING



AERA RASHIG RING



AERA MINI RING



AERA SADDLE

SIZE	10 TO 80 MM
BULK DENSITY	90-520 KG/M3
SURFACE AREA	60-500 M2/M3
THICKNESS	0.3 TO 1 MM

RANDOM PACKING [PLASTIC]

Plastic random packing is a type of structured packing used in chemical and industrial processes. It consists of randomly arranged plastic elements or pieces within a column or vessel. These elements create a large surface area for efficient mass transfer and provide enhanced mixing and contact between gas and liquid phases. Plastic random packing consists of material like PP, PVDF, PTFE & PFA.



AERA P-RING



AERA RASHIG RING



AERA PLASTIC SADDLE



AERA TELLERATE RING

SIZE

10 TO 80 MM

BULK DENSITY

40-95 KG/M3

SURFACE AREA

985-340 M2/M3

MOC

PP,PVDF,PTFE & PFA

AERA
ENGINEERING PVT LTD
www.aeraepl.com

“
Precision Presswork,
Defining Quality
”

RANDOM PACKING [CERAMIC]

Ceramic random packing is highly resistant to corrosion, high temperatures, and harsh chemical environments, making it suitable for applications that require robust and durable packing materials. It is commonly utilized in processes such as distillation, absorption, and catalytic reactions.



AERA P-RING



AERA RASHIG RING



AERA SADDLE



AERA PARTITION RING

SIZE

10 TO 80 MM

BULK DENSITY

500-710 KG/M³

SURFACE AREA

60-500 M²/M³

THICKNESS

1 TO 6 MM

AERA
ENGINEERING PVT LTD
www.aeraepl.com

Pressing Innovation,
Crafting Precision



AERA

ENGINEERING PVT LTD



Shed No-75, Aatmiya, Brookfieldz
Indus Park, Por, Vadodara-391243,
Gujarat India



www.aeraepl.com



tanish@aeraepl.com
gowdashankar4@gmail.com



+91 97377 73751, +91 97310 53731