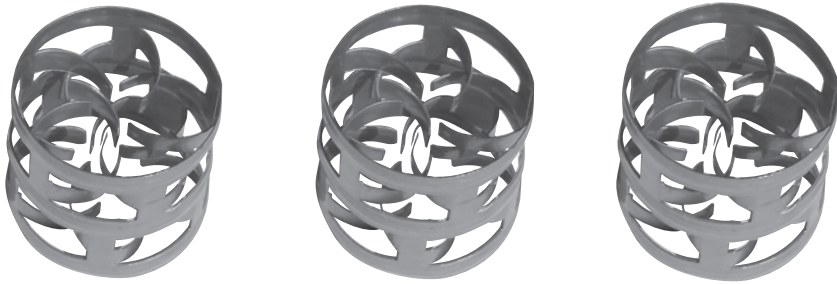


AMACS Improved Pall Ring

Random Packing



AMACS AIPR tower packing is basically a more finely tuned and better performing Pall ring. This AMACS improved Pall ring design allows greater capacity and lower pressure drop. Although similar in outward appearance to Pall rings, AIPR packing offers more interior surface area due to more twists and bends in the internal geometry.

The AIPR geometric configuration creates greater gas/liquid contacting and 25 to 30% more drip points per cubic foot than standard Pall ring designs. In addition to improved vapor/liquid contacting, test results show 10% or greater capacity advantage over standard Pall rings. The AIPR provides superior distribution and avoids channeling towards the vessel walls. AMACS improved pall ring packing can improve performance in a wide range of applications.

Applications:

- Gas dehydration
- Demethanizing
- Tall oil fractionating
- CO² removal
- Vacuum crude stills
- H₂S contacting
- Liquid/liquid contacting

Name	Size mm.	Bulk Density (SS MTL)		Number of Pieces		Free Space %	Packing Factor "F"
		lbs/ft ³	kg/m ³	ft ³	m ³		
#1	30	12.6	202	847	29,900	97	43
#1/2	45	11.0	176	266	9,390	97	26
#2	60	10.4	166	104	3,670	98	18
#3	90	11.0	176	31	1,090	98	15

The AMACS AIPR tower packing high strength geometry makes them well suited to deep beds. AIPR tower packings are available in a wide range of metal and alloy materials. AMACS Process Tower Internals, manufactures a full line of tower internals, mist eliminators and other components critical to effective mass transfer and separation. For more details regarding these products, visit our website or consult with an AMACS Separations representative.



For more information please call:
1-800-231-0077
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