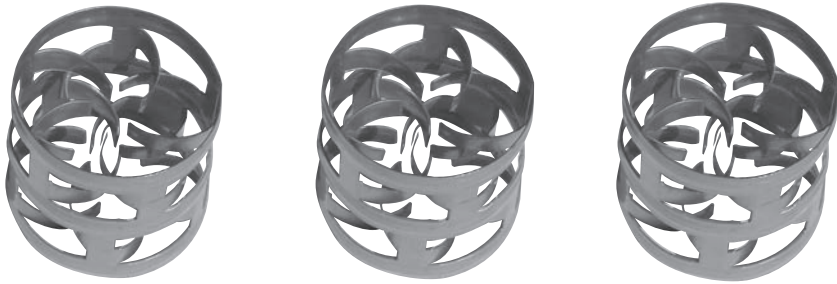


AMACS Improved Pall Ring

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, lower pressure drop, and even and thorough gas and liquid bed distribution. 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 transfer points per cubic foot than standard Pall ring designs. Although more contacting takes place, results show 10% or greater capacity advantage over standard Pall rings in pressure drop vs. gas rate tests. The AIPR provides superior distribution and avoids channeling towards the vessel walls.

Applications:

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

Size in.	Size mm.	Weight		Number of Pieces		Free Space %	Packing Factor "F"
		lbs/ft ³	kg/m ³	ft ³	m ³		
1"	25	19.5	312	847	29,900	96	43
1 1/2"	38	17.5	280	266	9,390	96	26
2"	51	14	224	104	3,670	97	18
3"	76	13	208	31	1,090	97	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. For availability and lead times consult the factory.

AMACS Separation Products, Inc. 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
www.amacs.com

