

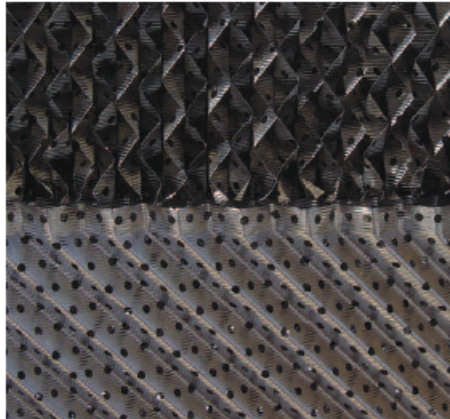
FLEXIPAC® HC® High Capacity Structured Packing

Since its introduction in 1997, FLEXIPAC HC structured packing has been used in hundreds of columns to increase capacity and reduce pressure drop both in new construction and for replacing standard sheet metal structured packings, conventional random packings and trays. Combining excellent capacity and efficiency characteristics along with a lower pressure drop per theoretical stage, it is the preferred packing for use in vacuum distillation applications.

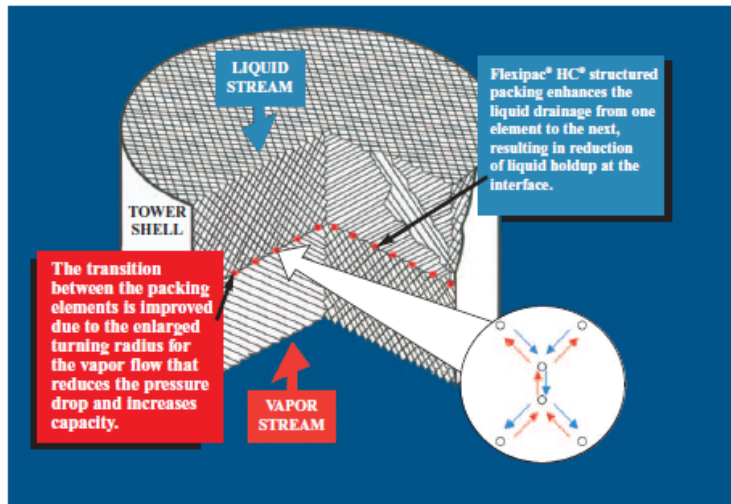
FLEXIPAC HC is similar in construction to standard FLEXIPAC packing, except for a subtle modification in the geometry of the corrugation at the top and bottom of each packing layer. This relatively small change in geometry eliminates the abrupt change in flow direction of the liquid and vapor phases at the packing layer interface.

Conventional structured packing capacity is limited by flow interaction at the layer interface where the abrupt directional change limits the amount of counter-flowing liquid and vapor. As the liquid flow becomes restricted by the upward-flowing vapor, the liquid begins to build up at the layer interface which increases the pressure drop and may ultimately lead to flooding. The geometry of FLEXIPAC HC packing relieves this restriction. Since the premature build-up of liquid is eliminated, the low pressure drop characteristics of structured packing are better maintained throughout the efficient operating

range of the packing. The advantages of FLEXIPAC HC packing are particularly strong for smaller corrugation crimp size, higher surface area packings.



FLEXIPAC® HC® Structured Packing with a perforated and textured surface showing corrugation configuration at layer interface



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Available exclusively from Koch-Glitsch, FLEXIPAC® HC® structured packing is protected by US Patent 5,632,934 and other patents worldwide assigned to Praxair Technology, Inc. Koch-Glitsch, LP is the exclusive worldwide licensee of Praxair Technology, Inc. for the manufacture and sale of this packing in all markets except for industrial gas separation.

FLEXIPAC® HC® Structured Packing		2Y	250Y	1.6Y	1.4Y/350Y	1Y	500Y	700
Surface Area	ft ² /ft ²	68	77	90	106	129	152	220
	m ² /m ²	225	250	295	350	420	500	725

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