

## Metal Structured Packing

**Product No.:** KPK-MSP



*Illustration 1: Metal Structured Packing(KPK-MSP)*

CHEMPACK Metal Structured Packing include perforated & corrugated plate, corrugated plate gauze, pricked & corrugated plate, corrugated wire gauze and ,annular corrugated plate.

**Materials:** S.S.302, 304, 316, 316L, 317, 317L, C15, stainless steel,carbon steel, copper, alloy

**Advantages:**

- a) Small pressure drop
- b) Big flow
- c) High efficient distribution

**Application:** widely used in the reactors in fine chemical industry, petrochemical industry, and fertilizer industry as mass transfer media.

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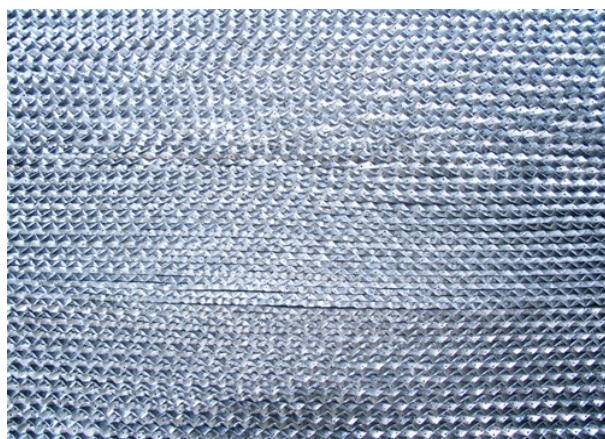
**Characteristic Indexes of Metal Structured Packing:**

Product Name	Type	Surface Area m <sup>2</sup> /m <sup>3</sup>	Void Fraction %	Bulk Density kg/m <sup>3</sup>	Wave Height mm	Nt m <sup>-1</sup>	ΔP Pa/m	Max.F-factor m/s.(kg/m <sup>3</sup> ) <sup>0.5</sup>
Perforated corrugated plate	125	125	98	85-100	25.4	1-2	150	3
	250	250	97	170-200	12.5	2-3	200	2.6
	350	350	94	240-280	9	2.0-2.5	300	2.0
	500	500	92	360-400	6.3	4-5	180	1.8
Pricked & corrugated plate	700Y	700	85	240-280	4.5	5.0-7.0	900	1.6
	500Y	500	93	170-200	6.3	3.0-4.0	200	2.1
	250Y	250	97	85-100	12.5	2.5-3.0	300	2.6
Corrugated plate gauze	SW-1	650	91.6	140	4.5	6-8	260-460	1.4-2.2
	SW-2	450	95.5	360	6.5	4-5	220-240	1.6-1.8
Corrugated wire gauze	250(AX)	250	97	70	12.5	2.5-3.0	25-120	2.5-3.5
	500(BX)	500	95	140	6.3	4-5	200	2.0-2.4
	700(CY)	700	87	180	4.5	8-10	670	1.5-2.0

**Product design:**

If our product standard didn't meet your needs, CHEMPACK is glad to work with your company and design it for your specific application.

Other pictures:



*Illustration 2: Metal Structured Packing(KPK-MSP)*



*Illustration 3: Metal Structured Packing(KPK-MSP)*

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