

STRUCTURED PACKING

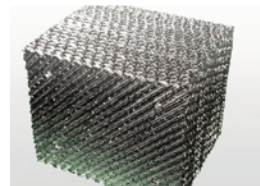
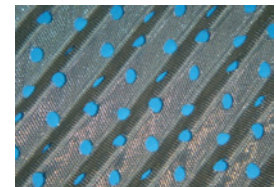
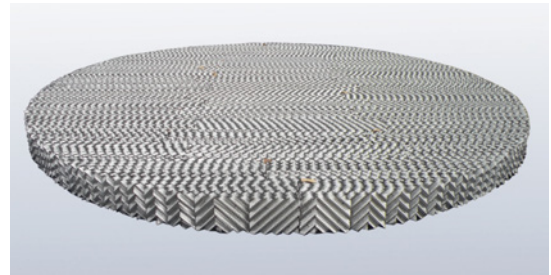
TPT PACIFIC supplies various type & materials of Structured Packing. Metal sheet, Metal Gauze, Plastic & Ceramic are available. Structured Packing offers a high fractionating capacity, a good wettability and low pressure drop together with an exact adaptability to the respective fractionation problem concerned.

Structured packing is available in a variety of corrugation crimp size at two inclination angles.

Structured packing, designated "Y", has a 45° corrugation inclination angle from horizontal and is most commonly used. Structured packing, designated "X", has a 60° corrugation inclination angle and is widely used in applications requiring high capacity and low pressure drop. "X" packing provides a lower pressure drop per theoretical stage for the same surface area.

The "G" designated packing is made of metal wire gauze, preferred applications are the process with extremely low liquid rates, improving performance of columns with limited overall height.

TPT Pacific supplies the high capacity packing such as TSP -250H, TSP-350H, TSP-500H, etc. The high capacity packing offers the same efficiency of "Y" style with lower pressure drop. It is recommended for gentle distillation at higher capacity.



Sheet Metal

Metal Wire Gauze

Increasing Efficiency

TYPE	TSP 64 X/Y	TSP 85 X/Y	TSP 90 X/Y	TSP 100 X/Y	TSP 125 X/Y	TSP 170 X/Y	TSP 175 X/Y	TSP 200 X/Y	TSP 220 X/Y	TSP 250 X/Y	TSP 300 X/Y	TSP 350 X/Y	TSP 450 X/Y	TSP 500 X/Y	TSP 750 X/Y	TSP 1000 X/Y
SURFACE AREA (m2/m3)	64	85	90	100	125	170	175	200	220	250	300	350	450	500	750	1,000

Increasing Capacity