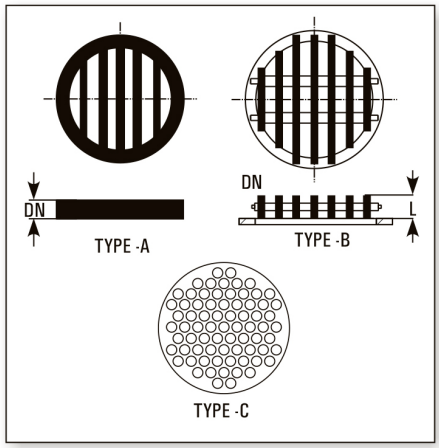
COLUMN COMPONENTS

PACKING SUPPORTS

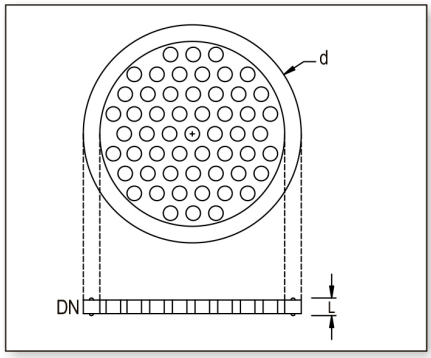
Packing supports Type A are made of fused glass rods. Packing supports Type B (heavy duty) are made of PTFE Blocks with holes.



Cat.Ref. Size	DN	L	Cross Section Area	Max. Load Kgs.	Minimum Packing	Type
CP3*	80	10	45%	10	12	A
CP4*	100	12	50%	15	15	A
CP6*	150	15	55%	30	25	A
CP9*	225	19	60%	50	25	A
CP12*	300	19	65%	75	25	A
HD16	400	70	70%	150	25	B
HD18	450	70	70%	200	25	B
HD24	600	95	70%	300	40	B
HDP16	400	45-50	57%	100	25	C
HDP18	450	45-50	54%	100	25	C
HDP24	600	45-50	58%	150	40	C

PTFE PERFORATED PLATES

These are used as packing retainers to prevent the packing from lifting due to vapour velocity. These can be clamped between two components without using any gasket.



Cat.Ref.	DN	d	L
TCP3	80	99	7
TCP4	100	132	9
TCP6	150	184	10
TCP9	225	254	12
TCP12	300	340	16
TCP16	400	463	25
TCP18	450	525	25
TCP24	600	689	30

Packings require for various pipe sections (Kgs.)

Pipe Section	Vol (L)	Packing size FCB	FCB 12	FCB 15	FCB 25	FCB 40	FCB 50
PS3/1000	5	3	3	2	-	-	-
PS4/1000	8	-	4	3	3	-	-
PS6/1000	18	-	9	7	7	-	-
PS9/1000	37	-	-	15	15	15	-
PS12/1000	66	-	-	17	30	25	-
PS16/1000	125	-	-	-	65	50	53
PS18/1000	165	-	-	-	90	65	70
PS24/1000	295	-	-	-	-	115	125

Notes of use of Column Packing

- Due to their low bulk densities, Glass Raschig rings are particularly suitable for packing glass columns.
- Generally, the ratio of Column diameter to packing diameter should not be less than 8:1.
- When using smaller packing size, a small layer of larger packing should be used on packing support, to prevent the smaller packing falling through.
- In vacuum application and applications involving high vapour velocities, packing may be lifted and may damage to other parts. To prevent this, a packing retainer (PTFE perforated plates) should be used above the packed section.