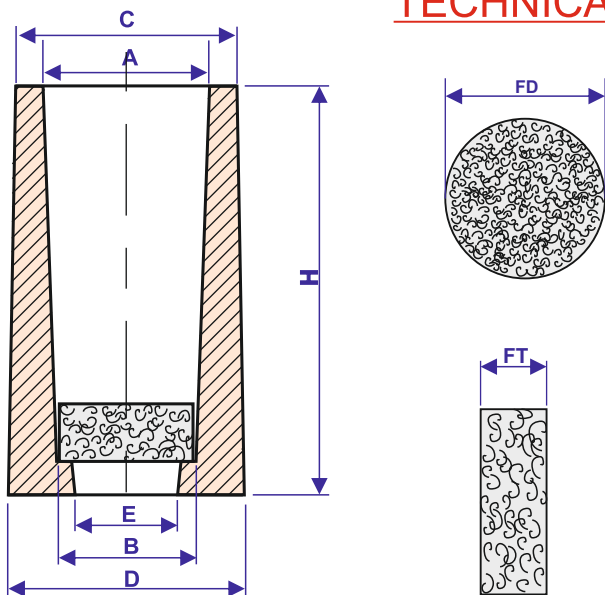


TECHNICAL DATA SHEET



S.No	Silicon Carbide Filter		
	FD (mm)	FT (mm)	PPI*
1	40	15	20
2	40	22	10
3	50	22	10
4	60	22	10
5	70	22	10
6	80	22	10
7	90	22	10

Sleeve size (mm)	Modulus (mm)		Volume of Liq. Metal in Sleeve (cc)	Riser Weight (Kg)	Dimensions (mm)					
	Effec.	Geo.			A	B	C	D	E	H
40 x 90	13.66	9.11	150	1.10	48.0	44.0	66.0	72.0	30.0	90.0
40 X 125	14.46	9.64	192	1.36	49.0	44.0	66.0	72.0	30.0	125.0
50 X 125	17.16	11.44	291	2.12	61.0	54.0	83.0	87.0	40.0	125.0
50 X 150	17.78	11.85	350	2.49	60.0	55.0	80.0	86.0	37.0	150.0
60 X 150	20.28	13.52	486	3.45	70.0	65.0	91.0	98.0	47.0	150.0
70 X 175	23.67	15.78	778	5.52	82.0	75.0	107.0	114.0	56.0	175.0
80 x 175	26.34	17.56	1020	7.44	95.0	85.0	119.0	127.0	62.0	175.0
90 x 200	29.52	19.68	1452	10.60	106.0	95.0	132.0	139.0	68.0	200.0

* PPI - Pores Per Inch , Volume of Filter not considered

Bottom surface of the sleeve riser is taken as cooling surface.

Full height of the sleeve is considered in calculating the volume of metal in the sleeve.

Dimensions given above are nominal. Only minor variations possible due to Manufacture Process

FILTER SIZE in mm	ppi	CAST IRON		SG IRON	
		CAPACITY (Kg)	FLOW RATE (Kg/Sec)	CAPACITY (Kg)	FLOW RATE (Kg/Sec)
Dia 40 X 15	20	40.00	2.5	-	-
Dia 40 X 22	10	40.00	3	20.00	2
Dia 50 X 22	10	70.00	4.5	35.00	3
Dia 60 X 22	10	100.00	6.5	50.00	4.2
Dia 70 X 22	10	150.00	8.8	75.00	5.5
Dia 80 X 22	10	200.00	11	100.00	7.2
Dia 90 X 22	10	240.00	14	120.00	9



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