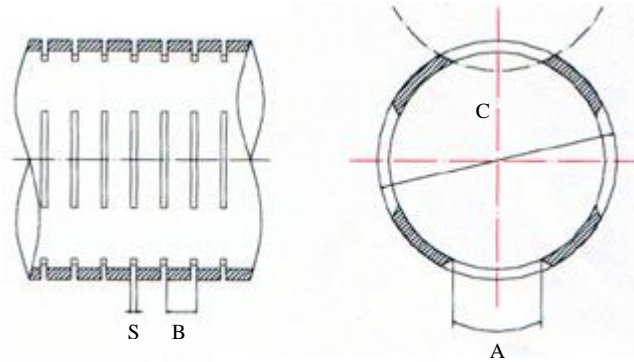


140MM uPVC CASING & SCREEN SPECIFICATIONS



Casing & Screen = 140mm OD x 6.5mm Wall x 127mm ID

S: Slot size = 1.0mm

B: Distance between slots = 6mm

A: Longitudinal size as per interior circumference = 65mm

C: Outside diameter = 140mm

D: Open area % = 7.5%

Number of Rows = 4

Effective Length = 2830mm or 5730mm

Overall Length = 2900mm or 5800mm

Mass / meter = 4.1kg

Colour = Blue

MECHANICAL PROPERTIES

PROPERTY	STD.	UNIT	VALUE	TEST METHOD
Specific gravity	DIN ASTM	gm/cm ³	1.40 – 1.45 1.40	DIN 53479 D 792
Modulus of elasticity	DIN ASTM	N/mm ² 105 psi	2500 – 3000 41	DIN 53457 D 638
Tensile Strength	DIN ASTM	N/mm ² psi	45 – 55 8000	DIN 53455 D 638
Notch impact strength at 20°C	DIN ASTM	kJ/m ² ft.lb. in	3.0 – 5.0 0.65	DIN 53453 D 256
Class rating		bar	12	
Vicat softening temp.	DIN	°C	76 – 80	DIN 53460B
Min wall		mm	6.5	
Deflection temp. under load (264 PSI)	ASTM	°F	158	D 648
Yield Strength	DIN	N/mm ²	55.0	-
Impact Strength	DIN ASTM	ft.lbs.	No fracture ASTM	DIN 53453 D 2444
Thread Specification	DIN 4925	Trapezoidal	M x F	Flush Threaded
Depth setting			120m	
Resistance to Hydraulic Collapse	140mm	psi	115	SDR Ratio 21.5

