PIPE-BASE SCREENS

Pipe-base screen combines the hydraulic efficiency of continuous slot with the strength of pipe.
This construction is recommended when high collapse resistance is required and also when the screens length generates a high longitudinal constraint.
The pipe strength allows smaller wrap wires to be used yielding greater open area.
Base pipes can be manufactured using stainless steel grades or API 5CT carbon steel casing.
Johnson Screens® uses prime pipe thoroughly cleaned and deburred after perforating.

WRAP-ON PIPE SCREEN

The wrapped on pipe screen is a technologically advanced version of the pipe-based screen.

The jacket is directly wrapped on the perforated base pipe so that it tightly grips the pipe along its entire length. The result is an all-welded, wrap-on pipe screen.

The features and benefits are the same as a conventional slip-on type screen, however this construction is recommended for very high collapse resistances (>100 bars) to secure full sand control and integrity of the jacket.

SLIP-ON SCREEN

The "Slip-on" pipe base well screen is produced from two components, a perforated pipe base and a rod base wire wrapped screen. The pipe and the wire wrap screen (the "Jacket") are selected to meet the requirements of each individual job.

Longitudinal support rods direct inflow to the nearest pipe perforation. Screen and pipe are welded together to make a rugged, reliable unit for deep vertical wells and long horizontal remediation or supply wells.

Nominal Diameter (inches)	Pipe OD (mm)	Wall Thkss (mm)	Weight (kg/m)	OD Max (mm)	Collapse* (bar)
4 1/2	114,3	6,02	15	129	145
5 1/2	141,3	6,55	21	158	98
6 5/8	168,3	7,11	27	189	74
7	177,7	9,20	36	199	138
8 5/8	219,1	8,18	42	250	51
9 5/8	244,5	10,00	56	275	67

(*) Non contractual collapse strength values - Indicative values depending on screen construction & including a safety factor