

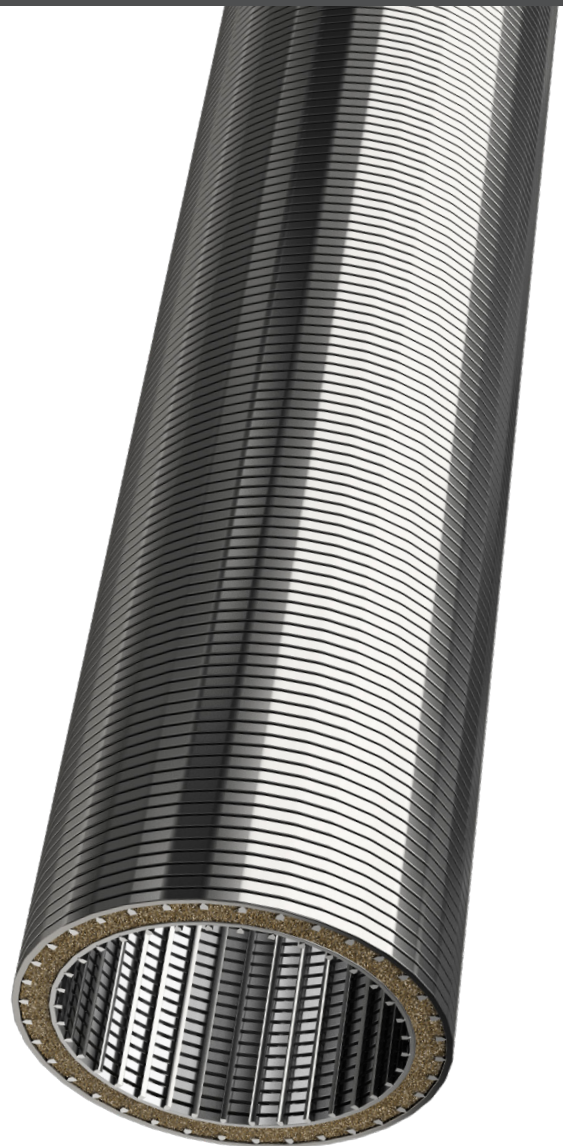
proPACK™

Prepacked Gravel-Packed Liner

RGL's proPACK™ sand control device (SCD) is a slip on modular gravel pack system, with two outer screens, positioned over top of a perforated or slotted base pipe. The screen apertures and open areas are sized to ensure pack integrity, sand retention, and permeability requirements.

proPACK offers a variety of profiles, materials, and base pipe perforation and slotting patterns to ensure sand control performance meets the application.

proPACK is manufactured in an API Q1™ and ISO 9001:2015 certified facility.



Features and Benefits

- Large open flow area (5 to 20% or more)
- Corrosion resistant stainless steel (304L or 316L)
- Plugging resistant keystone profile
- High strength slotted or perforated base pipe
- High flow rate with low pressure drop
- High permeability

Applications

- Openhole standalone completions
- Secondary liner completions
- Cased and perforated completions
- Horizontal, deviated, and vertical wells
- Producer, injector, and infill wells
- Ideal for high velocity wells

Options

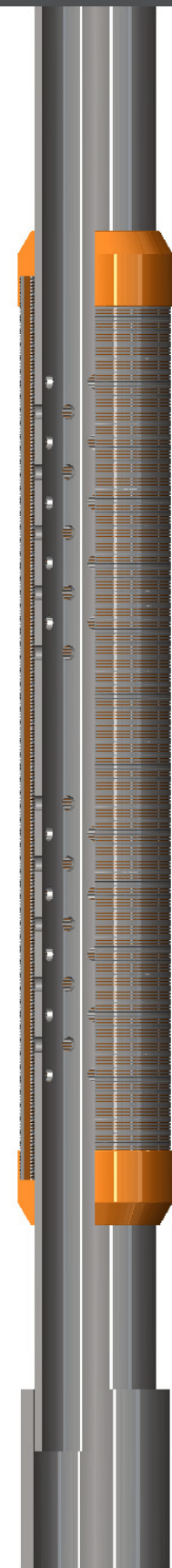
- RGL proLAB™ Sand Control Lab Testing and modelling
- High-grade alloys
- Custom slotting and perforating patterns
- Multiple casing grades available with 13 Chrome and 28 Chrome coating options
- Finite Element Analysis (FEA) for installation and thermal loadings
- Patented non-welded or welded end caps
- Sand Control options include proWRAP™, proPUNCH™, and proMESH™
- Silica, ceramic, glass or other proppant type gravel



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Technical Specifications

Description	Basepipe Size, in. (mm)							
	4.5 (114.3)	5 (127)	5.5 (139.7)	6.5 (168.23)	7 (177.8)	8.63 (219.08)	9.63 (244.48)	
Basepipe Weight, lb/ft (kg/m)	kg/m	17.26	22.32	25.3	35.72	34.23	53.57	59.53
	lb/ft	11.6	15	17	24	23	36	40
Basepipe ID	mm	101.6	111.96	124.26	150.40	161.7	198.76	224.4
	in.	4	4.408	4.892	5.921	6.366	7.825	8.835
Joint length	m / ft	Range 1- Range 3: 4.88 - 14.63 / 16 - 48						
Inner screen OD	mm	127	139.7	152.4	181	190.5	231.8	257.2
	in.	5.0	5.5	6.0	7.1	7.5	9.1	10.1
Outer screen OD	mm	149.9	162.6	175.3	203.9	213.4	254.7	280.1
	in.	5.9	6.4	6.9	8.0	8.4	10.0	11.0
*Gravel pack thickness	mm	5.1						
	in.	0.2						
Screen length	m / ft	2.88 - 12.63 / 9.45- 41.44						
Aperture size	Multiple slotted liner and screen options available. Please refer to RGL's proSTRAIGHT™, proSEAM™, proSLOT™, proWRAP™, proPUNCH™, and proMESH™ product data sheets							
Aperture tolerance								
OFA of screen								
Port diameter	mm / in.	9.5 or 12.7 / 0.375 or 0.5						
	/m	210	236	262	289	315	341	420
Ports/unit length	/ft	64	72	80	88	96	104	128
	m ² /m	0.015	0.017	0.019	0.021	0.022	0.024	0.030
Total basepipe port flow area	in ² /ft	7.07	7.95	8.84	9.72	10.60	11.49	14.14
	m ³ /m	0.008	0.010	0.012	0.018	0.021	0.031	0.040
Base pipe capacity (axial)	ft ³ /ft	0.088	0.106	0.131	0.191	0.221	0.334	0.426
	OFA of basepipe	%						
		3-5						



Additional Product Information:

1. End field connections to suit customer requirements
2. Basepipes are available in perforated pipe or slotted liner options
3. Additional base pipe and screen specifications are available upon request.
4. Gravel options include: Natural Gravel Packs Silica Sands, Proppants, Bouxite, Glass, and Ceramic Beads

