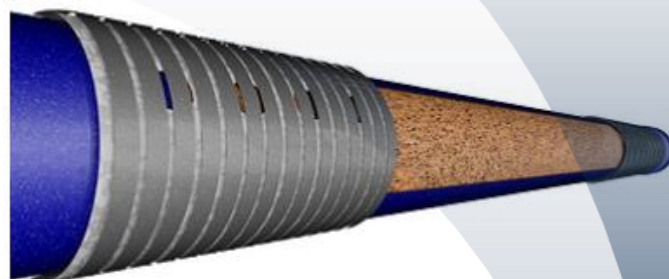


Chem Screen and Extended Chem Screen.

Odessa Separator's Chem Screen and Extended Chem Screen are downhole chemical conditioning systems.

Chem Screen and Extended Chem Screen release solid chemical in the bottom of well bore providing effective scale, paraffin and corrosion treatment, for rod pump, ESP, PCP, gas lift, plunger lift, jet pump, and flowing wells.



Chem Screen and Extended Chem Screen are solid based blend with 97% active chemical ingredients.

Four main types of treatments

- Standard Treatment, for scale, paraffin and corrosion.
- Paraffin inhibitor enriched, for severe paraffin.
- Scale inhibitor enriched for severe scale.
- Corrosion treatment for corrosive environments.

9 Month treatment table		8 ft. tool	24 ft. tool
Tool size	Number of tools	Rate (bb/d)	Rate (bb/d)
2 ³ / ₈ "	1	25	120
2 ⁷ / ₈ "		35	200
2 ³ / ₈ "	2	50	240
2 ⁷ / ₈ "		70	400
2 ³ / ₈ "	3	75	360
2 ⁷ / ₈ "		105	800
2 ³ / ₈ "	4	100	480
2 ⁷ / ₈ "		140	800

2 ⁷ / ₈ "	1	8 ft. initial quick release tool (20 days)
2 ⁷ / ₈ "		

Extended 48 ft. tool provides double the chemical treatment of 24 ft. tool.

Benefits

- Reduces paraffin, scale and corrosion failures.
- Treats from the bottom up.
- Refillable tool design.
- Slow, self-release.
- Chemical treatment below the packer.

