

# SHUR-FLO Tubular Lining

Corrosion, erosion, scale, rod wear, fatigue, pitting, embrittlement, all resulting from the very demanding environments downhole tubulars are subject to in today's energy industry.

### CHECK OUT OUR LINED TUBING PROVEN SOLUTION.

# SHUR-FLO PROTECTS YOUR TUBING INVESTMENT

- ✓ Add run time to your producing oil wells.
- ✓ Unbeatable corrosion and chemical protection in both producing and water injection / disposal wells.
- ✓ Reduced rod torques.
- ✓ Eliminate harmonics.
- ✓ Friction reductions.
- ✓ Increased BHP life.
- ✓ Less rod wear.
- ✓ Eliminate scale build-up.
- ✓ Can be installed in used tubulars as well as new.

### SHUR-FLO LINER ADVANTAGES

- Superior chemical and corrosion resistance
- Very effective in used tubulars
- Mechanically bonded
- Erosion resistant
- Abrasion resistant
- Very tough, yet flexible
- Will not be damaged by wireline, coiled tubing or workover tools
- Non ionic bonding surface
- Very low friction co-efficient
- 100% Holiday free

### SHUR-FLO LINED TUBING APPLICATIONS

- PCP or rod pumping oil wells
- Class 1, 1A, 11, 111 injection and disposal wells
- Slant, deviated, or directional wellbore tubing strings
- Chemical injection strings
- FRAC or N2 tubing strings

Substantially Reduces Lifting Costs • Rig Proof

Cost Effective Tubulars Can Be Re-Lined Time and Again



2003 - 5th Street Nisku, Alberta T9E 7X4

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# GO **SHUR-FLO** NOW

# QUALITY CONTROL AND PROCEDURES TUBULAR GOODS

- √ Tubing inspected to customer requirements
- √ Repaired to API specifications
- ✓ Tubing is mechanically or steam cleaned to ensure bonding
- √ Internally lined and stenciled

### WHY SHUR-FLO LINED TUBING SHOULD BE YOUR ONLY CHOICE FOR WATER INJECTION OR DISPOSAL WELL APPLICATIONS

- ✓ It is a liner barrier that is mechanically inserted inside the tubing joint
- ✓ The liner will not flake, crack, chip or come off. Your tubing string will always be internally protected...top to bottom
- ✓ Liner is unaffected by turbulent flow
- ✓ Shur-Flo liner has 10 times the erosion capabilities of bare steel
- ✓ Liner is compatible with all stimulation fluids
- ✓ Lined string can be used as work string
- ✓ Tubing joints with liner inserted are virtually rig proof and will not be easily damaged while tripping

### DRIFT I.D.

60.3 MM (2 3/8") = 1.60" 73.0 MM (2 7/8") = 2.00"  $88.9 \text{ MM } (3 \frac{1}{2"}) = 2.50"$   $114.3 \text{ MM } (4 \frac{1}{2"}) = 3.40"$ 

### LINER INFORMATION:

### SHUR-FLO 1:

This is our standard liner option good to 55C (131 F) in standard operating conditions. Most water injection applications and disposal well applications are suitable for this liner. Many low to moderate temperature Pumping Applications are also suitable for this Shur-Flo lined tubing. Working depths to about 1600 meters (5249 Feet) Is the limit for this liner option. This liner Black in color.

### SHUR-FLO 2:

This liner is a raised temperature HDPE good to 90C (194 F) in standard operating conditions. This liner is ideal for higher temperature Water Injection/Disposal wells and Pumping wells with extended well depths to 2100 meters (6889 Feet). This liner Is Orange in color.

### SHUR-FLO 3:

Our Shur-Flo 3 EXPE Liner is a modified cross linkable Liner more suitable for light end hydrocarbon applications and low concentrations of benzenes. Our Shur-Flo 3 Lined Tubing is good to depths of 3400 meters (11154 Feet). Maximum operating temperatures are 150C (302 F) in water injection/disposal well applications and 130C (266 F) in pumping applications. This liner is Red in color.

#### SHUR-FLO 4:

Proprietary Blend of aliphatic polyketone engineered polymer suitable for hydrocarbon applications. Our Shur-Flo 4 Lined Tubing Maximum operating temperatures are 140C (284 F). Excellent impact, Hoop Strength and Ductility. Excellent gas barrier properties combined with excellent chemical resistance to aggressive chemicals and hydrocarbons. Also highly resistant to abrasion and wear. This liner is Blue in color.

### SHUR-FLO 5:

Proprietary Blend of aliphatic polyketone engineered polymer suitable for hydrocarbon applications. Our Shur-Flo 5 Lined Tubing Maximum operating temperatures are 160C (320 F). Excellent impact, Hoop Strength and Ductility. Excellent gas barrier properties combined with excellent chemical resistance to aggressive chemicals and hydrocarbons. Also highly resistant to abrasion and wear.

READY AVAILABLE INVENTORY – 24 HOUR SERVICE



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## OTHER PRODUCTS AVAILABLE:

- NEW & USED Tubing
- HDPE Pipe for Gas Gathering
- API Couplings
- Pup Joints



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