



# REGOMS PRODUCT DATASHEET

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2" HIGH PRESSURE HOSE

## 2" HIGH PRESSURE HOSE



FOR ILLUSTRATION PURPOSE ONLY

<b>EQUIPMENT SPECIFICATION</b>	
<b>WORKING PRESSURE</b>	7,500 psi
<b>TEST PRESSURE</b>	11,250 psi
<b>LENGTH</b>	50 ft
<b>MARKING</b>	EES-2HP50-210
<b>MANUAL</b>	
<p>The objective of this manual is to emphasize SAFETY by providing recommended procedures for proper handling, storage, use and maintenance of rotary drilling and vibrator hose assemblies. External inspection and field pressure testing prior to any continued service of a hose assembly is critical to ensure safe operation. These are MANDATORY PROCEDURES for applications where an assembly failure could result in serious bodily injury or severe property damage.</p>	
<b>SCOPE</b>	
<p>This procedure is a recommended practice for the storage, handling, operations, testing and inspection of flexible connectors. This includes connectors between the standpipe and swivel (A: Rotary Drilling Hose) as well as connectors between the pump and standpipe (B: Vibrator Hose) for pumping mud at high pressures during oil drilling and exploration work.</p>	
<b>WARNING</b>	
<p><b>A failure of a rotary drilling or vibrator hose in service may result in serious bodily injury or severe property damage.</b></p>	
<b>STORAGE</b>	
<ol style="list-style-type: none"> <li>1. Completely drain hose assembly before placing in storage.</li> <li>2. Whenever feasible, store hose in original shipping crate. This will provide extra protection against the deteriorating effects of solvents, corrosive liquids, ozone and sunlight. Hose should be stored so coils are in a horizontal plane.</li> <li>3. Certain rodents and insects can damage hose. Adequate protection from them should be provided too.</li> <li>4. The ideal temperature for storing hose ranges from 50o F (10o C) to 70o F (21o C) with a maximum limit of 100o F (38o C). If stored below 32o F (0o C), hose will become stiff and will require warming before being placed in service. Hose should not be stored near sources of heat, such as radiators or base heaters.</li> <li>5. To avoid adverse effects of high ozone concentrations, hose should not be stored near electrical equipment that may generate ozone or be stored for any lengthy period in geographical areas with high concentrations of ozone. Exposure to sunlight, direct, reflected or even through windows should be avoided.</li> <li>6. Do not stock hose or place anything heavy on top of it to prevent damage.</li> </ol>	
<b>HANDLING CAUTION</b>	
<p>Care should be exercised to prevent mishandling. Crushing or kinking of hose can cause severe damage to reinforcement. If this occurs, remove hose from service.</p>	

1. In order to minimize the chance of kinking, hose should preferably be removed from its crate by hand, laid out in a straight line, then lifted by means of a catline attached near one end of hose.
2. Hose assemblies should never be lifted by the safety clamp and chain. The assembly should always be lifted by the lift eye clamps.
3. Attachment of a set of lift eye clamps to the hose end coupling to safely lift and move a heavy rotary hose assembly is a necessity to avoid hose kink damage. A set of lift eye clamps can be obtained on special order.

#### **OPERATION CAUTION**

Care should be exercised during operation to prevent crushing or kinking of hose. Crushing or kinking can cause severe damage to cable reinforcement. If this occurs, remove hose from service and test.

- A. **Working Temperature:** Working temperature should not exceed 180°F (82°C). Temperatures encountered higher than 180°F (82°C) will shorten the useful life of the hose.
- B. **After Coolers:** Compressors should always be equipped with after coolers to lower the air or gas temperatures within tolerable limits. If after coolers are not used, air or gas entering hose at excessively high temperatures can accelerate the hose aging rate, thus reducing the expected service life.
- C. **Working Pressure:** The recommended maximum working pressure for rotary hoses should not exceed rated working pressure.
- D. **Oil Base Muds:** The use of oil base muds having an excessively high aromatic content will cause hose inner liner to swell, resulting in less abrasion resistance which can shorten service life. It's recommended that oil base muds be held to a minimum aniline point of 150°F (66°C).
- E. **Twisting:** Hose should not be intentionally back twisted.
- F. **Operations Con.** The safety clamp should be tightened securely, but not to such an extent as to damage hose or reduce the inside bore diameter. In the case of rotary hose, the safety chain should be attached to a derrick upright at the standpipe end, rather than a transverse support, so the chain will be free to move upward without restricting movement of the hose.
- G. **Minimum Bending Radius:** Should not bend the hose less than the minimum bending radius. Be sure to avoid excessive bending, excessive axial load or compression during the operation, especially the part which is close to fittings.
- H. **The Material:** The material which will pass through the hose should be oil-based mud, no acid or corrosive.



PRESSURE TEST REPORT

### 压力试验检测报告

作业序号 3360 打印日期 2022年6月20日

用户名称		检测时间	2022-6-19 10:49:23
产品名称	High pressure rubber hose	检测部门	Hebei Huayu
产品型号	2" *50FT*7500psi	检测项目	Hydrostatic test
产品编号	P/O 3805	检测依据	API-7K
段数	1 2 3 4 5 6 7 8 9 10		
检测压力 (Mpa)	52 80		
稳压时间 (Min)	0.5 15		
压降值 (Mpa)	0.13 1.091		
合格判定			
备注			

压力-时间

压力 (Mpa)

时间 (min)

校验	孙树强	操作	王明	审核	张红新	批准	杨雷
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CERTIFICATE OF CONFORMANCE



河北华宇特种橡胶有限公司  
HEBEI HUAYU SPECIAL RUBBER CO., LTD.

合格证

CERTIFICATE OF CONFORMANCE

本产品符合技术要求，准许出厂

THE FOLLOWING COMMODITY IS IN CONFORMITY WITH ITS TECHNICAL REQUIREMENTS

产品名称： 高压胶管

COMMODITY: HIGH PRESSURE RUBBER HOSE

产品型号：  $\phi 51 \times WP7500PSI \times TP11250PSI \times 50FT \times 1$  根

SPECIFICATION:  $\phi 51 \times 7500PSI \times TP11250PSI \times 50FT \times 1PCS$

产品编号： EES -2HP50-210

SERIES NO: EES -2HP50-210

执行标准： 与客户协商标准

INSPECTION STANDARD: NEGOTIATION WITH CUSTOMER

本产品经过所有技术性能测试，符合技术标准要求；通过质检部门检测，现准许出厂。

THIS COMMODITY HAS PASSED ALL THE TECHNICAL AND PERFORMANCE TESTS  
CARRIED BY QUALITY CONTROL/INSPECTION DEPARTMENT.

检验员 INSPECTOR: 孙志斌

总工程师 CHIEF ENGINEER: 杨雷

出厂日期 EX-FACTORY DATE: 20/06/2022

To request for a quotation and detailed pricing, please contact our sales team:

**REGOMS Engineering (M) Sdn. Bhd.**

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