

Hydraulic Hose



TECHNICAL DATA

Max. Pressure: 10000 psi

Length: 180 cm

Please read and follow this instruction before you use hydraulic hoses.

Carefully inspect all components for shipping damage. If shipping damage is found, please notify carrier at once. The carrier is responsible for any damage resulting from shipment.

1. SAFETY

To avoid personal injury or property damage, please follow all safety precautions. BGS technic is not responsible for injury or damage resulting from unsafe and incorrect product use or system operation or lack of maintenance.

Warning

- Please wear safety glasses, helmet and other necessary personal protective equipment when operating hydraulic equipment.
- Please carefully inspect all threads before connection. If you find any damage on the cylinders, coupler or hose, please stop using your equipment and contact with your nearest Service. The damage may cause equipment failure and possible personal injury.
- Never handle pressurized hoses; escaping oil under high pressure can penetrate the skin, causing serious injury. Seek medical aid immediately if injured.
- To prevent dust or other debris from getting into the hose, please ensure coupler are kept clean. Dirt or other small debris will damage the cylinder's seals and result in equipment failure and possible personal injury.
- Before removing or tightening hose or coupler, please release hydraulic pressure in the system.

**Danger**

- The hydraulic equipment operator must be a qualified person with correct training and work experience with hydraulic equipment. Lack of knowledge in any of these areas can lead to equipment damage or personal injury.
- To avoid personal injury, please do not modify or weld hydraulic equipment.
- Never connect a hose to system with more capacity than the hose; overloading will cause equipment failure and possible personal injury.

**Important**

- Keep hoses clean at all times.
- When the equipment is not in use, remove hose and store in a clean and dry location.
- Never drop items on the hose.
- Never lift or carry hydraulic cylinders by the hose, use the handle or other methods to carry the cylinder.
- Do not use equipment in temperatures of 65 °C (150 °F) or higher. Overheating will soften and weaken the hose material, resulting in oil leakage or other equipment failure.

2. OPERATION

- Read and understand the system instructions to ensure you are using the proper hose for the application.
- Visually inspect the hose to be sure there are no kinks, cuts or other damage to the hose.
- Clean hose ends, couplers or union ends to be sure all threads are in good condition.
- Never twist or kink the hose. Hose bend radius should always be more than 11.5 cm or 4.5 inches, use few bends as possible.
- Make sure all connections are tight and leak free. Do not over-tighten connections; over-tightening may cause premature thread failure.

**Important**

- To fully seal the connections, use of PTFE tape or sealing sealant is necessary. Leave first complete thread free to prevent tape particles from entering into hydraulic system. Any tape particles in the hydraulic system will prevent proper oil flow.

3. MAINTENANCE

- Keep hose clean at all times.
- When hose is not in use, store hose in a clean and dry location.
- Always use new hydraulic oil only.