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BEAR FORCE XW004

BEAR FORCE High Pressure Washer Hose User Manual

Model: XW004

1. Product Overview

The BEAR FORCE universal replacement high-pressure hose is designed to extend the reach and functionality of your pressure washer. This 10-meter hose is compatible with specific Tacklife and Daewoo electric pressure washers, supporting pressures up to 160 bar (2320 PSI).
It features a soft thermoplastic cover, braided textile reinforcement, and a seamless inner tube for durability and performance. The hose ends are designed for a secure, leak-free connection to your original pressure washer hose and gun.



Figure 1.1: The BEAR FORCE 10m high pressure washer hose, coiled and showing both end connectors, ready for use.

2. Key Features

- **Length:** 10 meters (approximately 32.8 feet) for extended reach.
- **Pressure Rating:** Maximum working pressure of 160 bar (2320 PSI).
- **Temperature Range:** Operates effectively between 0°C and 60°C (32°F to 140°F).
- **Construction:** Features a soft thermoplastic cover, braided textile reinforcement, and a high-strength seamless inner tube for anti-burst and durability.
- **Fittings:** Steel plated zinc fittings for anti-rust properties and durability, designed for precision machining to prevent leaks.
- **Non-Marking Technology:** Designed to be anti-slip and anti-friction, preventing marks on surfaces during use.
- **Extension Capability:** Can be used as an extension hose with an included connector.



Figure 2.1: Illustration highlighting the heavy-duty features of the hose, including steel plated zinc fittings, precision machining for no leakage, and non-marking technology.

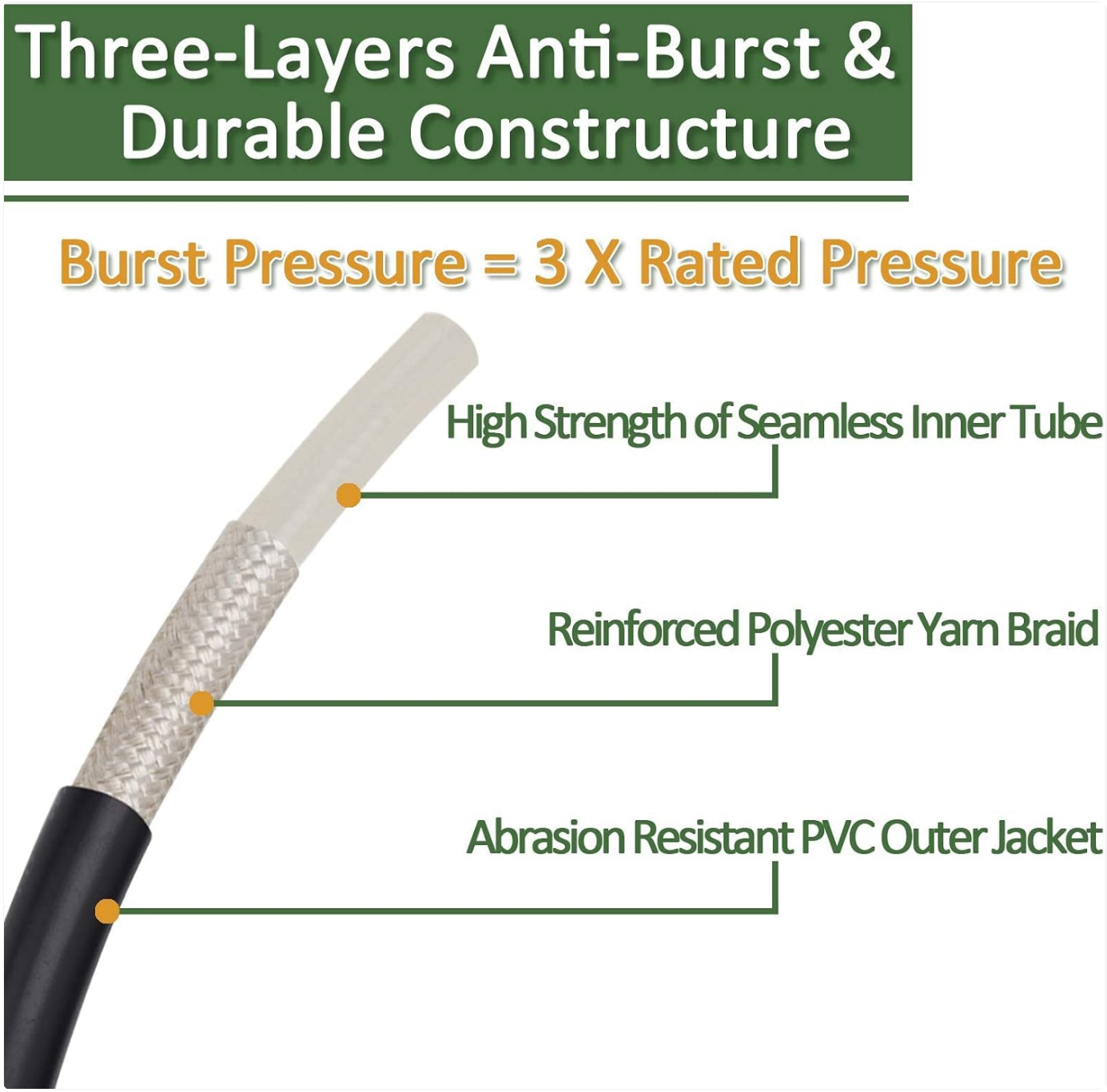


Figure 2.2: Cross-section diagram illustrating the three-layer anti-burst and durable construction, including the high-strength seamless inner tube, reinforced polyester yarn braid, and abrasion-resistant PVC outer jacket.

3. Compatibility

This hose is specifically designed for compatibility with Tacklife and Daewoo electric pressure washers, particularly those requiring a 'Type D' connection. It is crucial to verify the fitting size of your pressure washer and gun to ensure proper compatibility and prevent leaks.

The hose features an I.D. of 6.0 mm and an O.D. of 10.5 mm. The industrial standard 1/4" inner diameter supports up to 2600 PSI, making it suitable for residential pressure washers.



Figure 3.1: Visual guide indicating pressure washer gun types that are compatible with the BEAR FORCE hose, along with connection dimensions.



Figure 3.2: Visual guide indicating pressure washer gun types that are NOT compatible with the BEAR FORCE hose. Please compare your existing equipment carefully.

4. Setup and Installation

1. **Safety First:** Always ensure your pressure washer is turned off and unplugged from the power source before connecting or disconnecting any hoses or accessories. Release any residual pressure in the system by squeezing the trigger of the spray gun.
2. **Inspect Connections:** Before each use, inspect the hose and its connectors for any signs of wear, damage, or debris. Ensure O-rings are present and in good condition to prevent leaks.
3. **Connect to Pressure Washer:** Locate the high-pressure outlet on your pressure washer. Connect one end of the BEAR FORCE hose to this outlet. Hand-tighten the connection securely. Do not overtighten, as this can damage the threads.
4. **Connect to Spray Gun:** Connect the other end of the BEAR FORCE hose to the inlet of your pressure washer spray gun. Hand-tighten this connection firmly.
5. **Using as Extension:** If using the hose as an extension, connect one end to your existing pressure washer hose

using the provided connector. Then connect the other end of the BEAR FORCE hose to your spray gun. Ensure all connections are tight.

6. **Water Supply:** Connect your garden hose to the water inlet of the pressure washer and turn on the water supply.
7. **Purge Air:** Before starting the pressure washer, squeeze the trigger of the spray gun to allow water to flow through the system and purge any air. This helps protect the pump.

5. Operating Instructions

Once the hose is securely connected and the system is primed with water, you can begin operating your pressure washer. Always follow the operating instructions provided with your specific pressure washer model.

- **Start Pressure Washer:** Turn on your pressure washer according to its manufacturer's instructions.
- **Maintain Grip:** Always maintain a firm grip on the spray gun, as the high-pressure water stream can generate significant recoil force.
- **Avoid Kinks:** Ensure the hose is laid out straight and free of kinks during operation. Kinks can restrict water flow, build up pressure, and potentially damage the hose. The BEAR FORCE hose is designed to be flexible and resist kinking, but proper handling is still important.
- **Working Distance:** Adjust your distance from the cleaning surface based on the required cleaning intensity and the surface material.
- **Shut Down:** When finished, turn off the pressure washer, turn off the water supply, and release any remaining pressure by squeezing the spray gun trigger until water stops flowing.



Figure 5.1: This image illustrates the superior flexibility of the BEAR FORCE hose compared to ordinary hoses, which are prone to kinking and damage.

6. Maintenance

- **Cleaning:** After each use, rinse the hose with clean water to remove any dirt, debris, or chemical residues.
- **Inspection:** Regularly inspect the entire length of the hose for cuts, abrasions, bulges, or other signs of damage. Check the connectors for wear or corrosion.
- **Storage:** Coil the hose neatly after use. Store it in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing it in areas where it could be crushed or punctured. Do not store the hose with water inside if temperatures are expected to drop below freezing.
- **O-Rings:** Periodically check and replace O-rings in the connectors if they appear worn or damaged to maintain a leak-free seal.

7. Troubleshooting

Problem	Possible Cause	Solution
Water leaking from connections	Loose connection, worn O-ring, incompatible fitting.	Ensure connections are hand-tight. Inspect and replace O-rings if damaged. Verify hose compatibility with your pressure washer and gun.
No or low pressure	Kinked hose, air in the system, insufficient water supply.	Straighten the hose. Purge air from the system by squeezing the trigger. Ensure adequate water supply to the pressure washer.
Hose appears damaged (bulges, cracks)	Excessive pressure, physical damage, old age.	Immediately cease use. The hose may be compromised and should be replaced to prevent bursting.

8. Specifications

Attribute	Value
Model Number	XW004
Length	10 meters (32.8 feet)
Inner Diameter (I.D.)	6.0 mm (1/4 inch industrial standard)
Outer Diameter (O.D.)	10.5 mm (11.5 mm as per some specs)
Maximum Working Pressure	160 bar (2320 PSI)
Maximum Temperature	60°C (140°F)
Material	Thermoplastic Elastomers (TPE)
Weight	940 g
UPC	717877477254

9. Warranty and Support

For warranty information or technical support regarding your BEAR FORCE high pressure washer hose, please refer to the documentation included with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.
The seller for this product is "Bearforce Car Wash Shop".

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