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RUSSELL 632120

RUSSELL 632120 ProFlex Hose User Manual

Model: 632120

PRODUCT OVERVIEW

The RUSSELL 632120 ProFlex Hose is engineered for high-performance applications, featuring a durable construction designed to withstand extreme conditions. Its unique inner liner and stainless steel outer braid ensure flexibility, reliability, and resistance to abrasion and corrosion.



Image: The RUSSELL 632120 ProFlex Hose, shown coiled. This hose features a silver stainless steel braided exterior, indicating its robust construction and resistance to abrasion.

Key Features:

- Designed for use with Russell full flow hose ends with taper design.
- Compatible with all hydrocarbon and alcohol-based fuels, lubricants, and additives.
- Measures 10 feet in length with a -8 AN fitting size.
- Operates effectively within a temperature range of -40°F to +350°F.
- Features a stainless steel outer covering for enhanced durability and aesthetic appeal.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged.

- 1 x RUSSELL 632120 ProFlex Hose (10 feet, -8 AN)

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of the ProFlex Hose. Always refer to your vehicle or system's specific service manual for detailed instructions regarding hose routing and connection points.

Required Tools (Not Included):

- Appropriate wrenches for AN fittings.
- Hose cutters (if custom length is required).
- Safety glasses and gloves.

Installation Steps:

1. **Preparation:** Ensure the area is clean and free of debris. Disconnect any power or fluid sources if working on a live system.
2. **Hose Routing:** Carefully route the ProFlex Hose, avoiding sharp bends, kinks, or contact with hot surfaces and moving parts. Ensure sufficient slack for engine movement or system vibration.
3. **Fitting Connection:** Connect the ProFlex Hose to compatible Russell full flow hose ends. Ensure fittings are clean and properly aligned before tightening. Hand-tighten first, then use appropriate wrenches to secure, being careful not to over-tighten.
4. **Leak Check:** After installation, pressurize the system (if applicable) and thoroughly inspect all connections for leaks. Address any leaks immediately by re-tightening or re-sealing connections.

Important: Always use Russell full flow hose ends for optimal performance and compatibility. Incorrect fittings may lead to leaks or system failure.

OPERATING GUIDELINES

The RUSSELL 632120 ProFlex Hose is designed for continuous operation within its specified temperature and pressure limits. No specific operational controls are associated with the hose itself, as it functions as a fluid conduit within a larger system.

Operational Considerations:

- Ensure the hose is not subjected to pressures exceeding the design limits of your system.
- Avoid exposing the hose to temperatures outside its specified range of -40°F to +350°F.
- Regularly check for any signs of abrasion or damage from external sources.

MAINTENANCE

Regular inspection and proper care will extend the lifespan of your ProFlex Hose.

Inspection Schedule:

- **Visual Inspection:** Periodically inspect the entire length of the hose for any signs of wear, cuts, abrasions, bulges, or leaks. Pay close attention to areas near fittings and points where the hose may rub against other components.
- **Fitting Integrity:** Check that all hose ends are securely tightened and show no signs of weeping or leakage.
- **Routing Check:** Confirm that the hose routing remains clear of hot exhaust components, sharp edges, or moving parts. Re-route if necessary.

Cleaning:

Clean the exterior of the hose with a mild detergent and water as needed. Avoid harsh chemicals or solvents that could degrade the hose material.

Storage:

If the hose is removed for storage, clean it thoroughly and store it in a cool, dry place away from direct sunlight and

extreme temperatures. Avoid kinking or tightly coiling the hose during storage.

TROUBLESHOOTING

This section addresses common issues that may arise with the ProFlex Hose.

| Problem | Possible Cause | Solution |
|-------------------------|---|---|
| Fluid Leak at Fitting | Loose fitting, damaged fitting, incorrect assembly, damaged hose end. | Check tightness of fitting. Disassemble and reassemble carefully, ensuring proper seating. Inspect fitting and hose end for damage; replace if necessary. |
| Hose Kinking/Collapsing | Improper routing, excessive bend radius, external pressure. | Re-route hose to avoid sharp bends. Ensure bend radius is adequate. Check for external forces compressing the hose. |
| Hose Abrasion/Wear | Contact with sharp edges, moving parts, or hot surfaces. | Inspect routing and secure hose away from abrasive surfaces. Use protective sleeves or clamps if necessary. Replace hose if significant wear is present. |

If issues persist after attempting these solutions, consult a qualified professional or contact RUSSELL customer support.

SPECIFICATIONS

| Attribute | Detail |
|----------------------------|---|
| Brand | RUSSELL |
| Model Number | 632120 |
| Material | Nylon, Polyethylene, Rubber, Stainless Steel, Synthetic |
| Color | Silver |
| Product Dimensions (L x W) | 120 inches x 0.5 inches (10 feet x 0.5 inches) |
| Item Weight | 2.05 pounds (0.93 Kilograms) |
| Fitting Size | -8 AN |
| Temperature Range | -40°F to +350°F |
| UPC | 087133321219 |

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official RUSSELL website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

While specific warranty details are not provided in this manual, RUSSELL products are generally backed by manufacturer warranties against defects in materials and workmanship.

For further assistance, visit the [Official RUSSELL Website](#).



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