

*Document Detail*


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**Status:** CURRENT  
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Approvals

<u>Role</u>	<u>Sign-off By</u>	<u>Sign-off Date</u>	
DPD Document Control	Lucy Brenneman	19-Jul-2018 12:20 pm	GMT
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DPD Marketing Management	Angela Donohue	19-Jul-2018 12:27 pm	GMT
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# Nupro RDH™ Featherweight Hose

## Indications for Use

The Nupro RDH™ Featherweight Hose is intended to supply drive air to the Nupro RDH™ Hygienist Handpiece.

## Contraindications

The Nupro RDH™ Featherweight Hose is specifically designed for use with Nupro RDH™ Hygienist Handpiece and should not be used with other low speed or high speed handpieces.

## Warnings

- Before operating the hose and attached handpiece, carefully read, follow and save these instructions for future reference.
- This product is intended for use by Dental Professionals only.
- It is the responsibility of the Dental Healthcare Professional (DHCP) to understand the intended use of this product, the health of each patient, the dental procedures being undertaken, and industry and governmental agency recommendations, requirements, and regulations for the safe practice of dentistry.

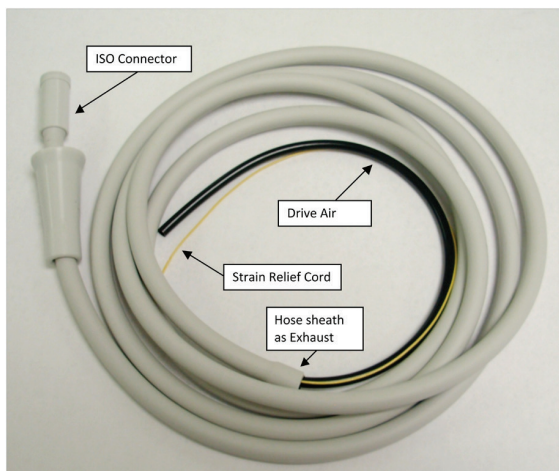
## Precautions

- The use of incompatible components may result in damage to the incompatible components, and/or damage to the system.
- Do not exceed 45 psi pressure at the hose ISO connector.
- Follow the section labeled “Checking Handpiece Operating Pressure.”
- Do not sterilize hose

## Adverse Reactions

None Known.

## Nupro RDH™ Featherweight Hose

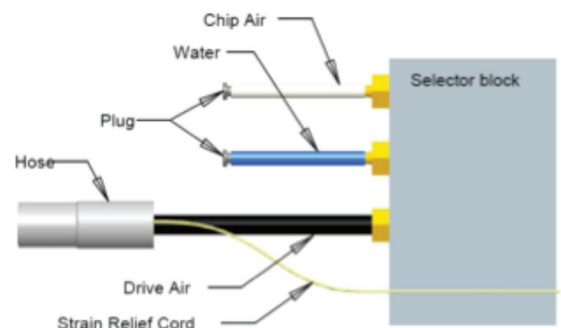


## Step by Step Instructions Installation

- Read through the entire installation instructions before proceeding. Make note of all important or cautionary statements.
- Remove hose from the bag and check for correct fit. Make sure hose tubing is long enough to fit the unit. (The final length should be at least as long as the original hose tubings).
- Remove the original hose from the dental unit if present.
- Slit the outer sheath up to predetermined length using blunt tip scissors.
- Route tubing as needed to provide adequate length outside of dental unit. Cut drive air tubing to its correct final length.
- If installation of the optional exhaust collector is desired, it must be installed before proceeding to the next step of the installation instructions. Follow the section labeled “Installation for Exhaust Collector”. Once exhaust collector is installed, normal installation can continue.

**Important:** Be sure to route supply tubing so it will not kink or bend when connected to supply services.

- Connect drive air tube to the fitting within the dental unit using hardware supplied. Exhaust (end of outer sheath) to the interior of unit
- Plug the chip air and water line, and turn off the water line.



## Securing Strain Relief Cord

- After installing hose, anchor strain relief cord to dental unit (i.e. selector block, unit frame etc). When securely anchored, there should be slack in the supply tubing as shown in illustration. The strain relief cord prevents stress from being placed on the drive air tubing and supply connections when pulling on hose. Make sure supply tubing will not kink or pinch when the hose is pulled.

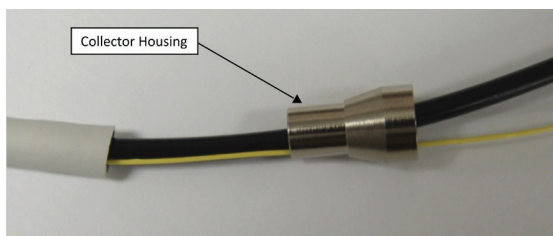
## Checking Handpiece Operating Pressure

- Install analyzer gauge between hose and handpiece.
- Connect a disposable prophyl angle to the Nupro RDH™. Depress foot control and run the handpiece. Adjust drive air pressure to the recommended operating pressure (45 psi max) as indicated on the gauge.

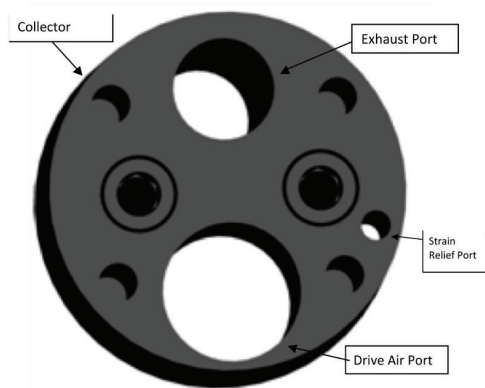
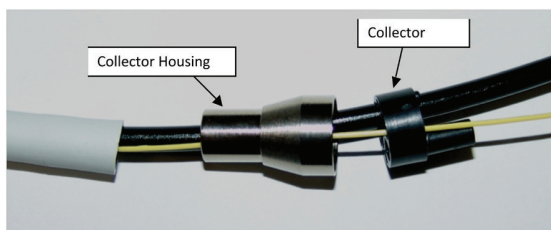


## Installation of Exhaust Collector

1. First remove metal sleeve from hose and slide collector housing (wider end pointing away from exterior sheath) over drive air and strain relief cord. Push collector housing into exterior sheath.



2. Feed the drive air and strain relief cord through collector body (exhaust port of collector body faces away from exterior sheath)



3. Slide collector body up along tubes and into collector housing. Tie a knot in the strain relief cord at the collector body to hold exhaust collector in place.



4. Attach drain tube to exhaust port on collector body and attach exhaust tube to dental unit oil connection device.

**Important:** Do not install drain tube in a way that will restrict exhaust flow. Doing so will decrease hand piece performance.

## Reprocessing Instructions

### Cleaning Nupro RDH™ Featherweight Hose

The exterior of the hose can be cleaned with regular soap and water.

### Disinfection

The exterior sheath of the hose will not be adversely affected by the use of the following disinfectants: Synthetic phenols, glutaraldehyde and quaternary ammonium chlorides in normal disinfecting solution. Staining may occur if using Lysol® or if iodine complex forms are used in high solution strengths.

For disinfecting properties, reference lists of prescribed disinfection agents are published by the ADA, CDC and OSAP. Wipe exterior surface of hose with gauze, sponge or paper towel wet with disinfectant. Wipe away from the hose connector so that no liquid enters the hose or hose connector.

## Warranty

The Nupro RDH™ is guaranteed to be free of defects in materials and workmanship for a period of six (6) months from the date of purchase provided that the hose is installed, operated and maintained as prescribed in the instructions (at Dentsply Sirona's discretion) and has not been subjected to apparent misuse, abuse or accidents. All questionable defective or loose parts must be returned to the dealer with the components and proof of purchase, transportation prepaid. Dentsply Sirona makes no other guaranties, expressed or implied.