

Advanced-Technology Hot Melt Adhesive Hoses



Nordson hot melt hoses set the standard for safety, durability and performance.



Nordson waterwash hose



RTD-style hose for Nordson systems



TC-style hose for MX systems

Nordson RTD and TC hoses operate with the proven durability and performance that reduce costs and downtime.

Parallel Ground Paths Provide Safer Operation

- Two separate ground paths protect against injury and damage to equipment.
- Electrical connections use make-first, break-last pins at the gun and melter ends to prevent powering the hose or gun without the ground connection.

Aramid Insulation Protects System Components

- Aramid insulation significantly improves chemical and moisture resistance.
- Insulation does not melt or support combustion in the air, allowing hoses to retain flexibility and electrical and mechanical properties beyond system operating temperatures.

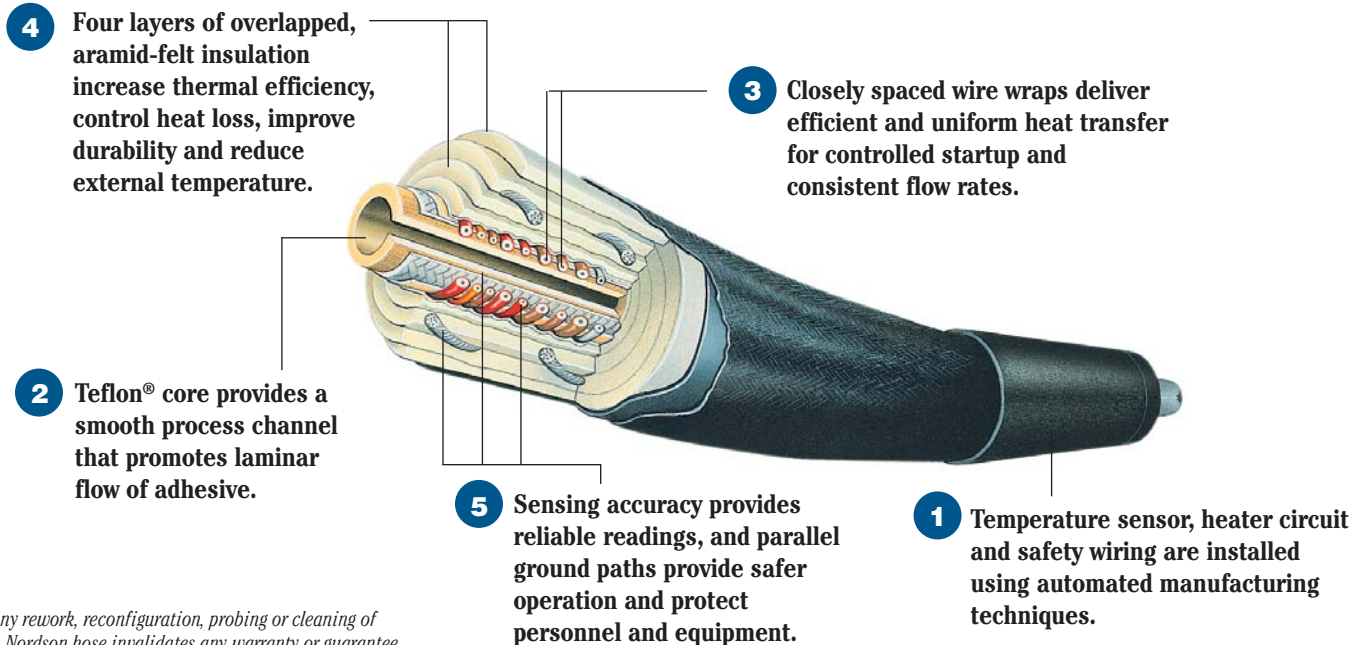
Automated Manufacturing Delivers Consistency and Quality

- Hose components are precision fabricated and calibrated prior to assembly, eliminating the need for temperature control calibration at installation.
- Controlled watt-density heating element minimizes hot spot potential, reducing char.
- Waterwash hoses are IP-X6 rated and feature improved electrical seals for longer service life in washdown environments.

Specifications

	RTD Hoses	TC Hoses
Maximum Operating Temperature	232°C (450°F)	232°C (450°F)
Maximum Hydraulic Pressure	1000 psi (6.89 MPa) for 3/8 and 1/2 in. (1.58 and 2.85 cm) diameter	1500 psi (10.34 MPa) for TC-8 and TC-13
	1500 psi (10.34 MPa) for 3/8 in. (.79 cm) diameter	
Electrical Service	120 VAC, 200 VAC or 240 VAC	200 VAC or 230 VAC
Available Lengths	2 to 65 ft (0.6 to 19.8 m) depending on diameter and voltage	4 to 43 ft (1.2 to 13 m) depending on diameter and voltage

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Any rework, reconfiguration, probing or cleaning of a Nordson hose invalidates any warranty or guarantee.

Hose Rebuilding May Weaken Performance and Shorten Hose Life

Due to the precise engineering of Nordson hoses, rebuilding or reconditioning them can significantly shorten life and performance, resulting in increased spare parts costs and unscheduled downtime.

1. Nordson recommends against changing the cuffs or sheath material of a hose due to the possibility of damage. Safety circuitry is particularly vulnerable and can pose both equipment and personnel hazard if incorrectly installed or damaged during cleaning or handling.
2. When a hose is cleaned using a "cleaning snake" or otherwise "probed," the internal surface can be damaged. The damaged surface can accumulate char and other debris, increasing the frequency of clogs and deterioration of flow.
3. When hoses are submerged in cleaning solvents, the solvent can impregnate the wrap with debris and contaminants. This action can deteriorate heat transfer efficiency and induce inaccuracies in your process.
4. During a cleaning process, insulation can become contaminated with solvents and other debris, decreasing thermal efficiency and promoting premature failure of the hose.
5. The Nordson Trade Plus™ program lets you exchange old hoses for new at discounts of up to 40 percent. New hoses carry a one-year or 2000 hour warranty.



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Most RTD hoses are CE and TUV approved and UL listed. Approvals and listings appear on individual products.

TC hoses are not UL listed.

For more information, talk with your Nordson representative or contact your Nordson regional office.

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