

PureFlow™ Hoses

Improve Adhesive Performance

Innovative technology drastically reduces adhesive degradation and associated downtime.

PureFlow hoses reduce the effects of adhesive and fluid degradation, such as charring, curing, discoloration and odor. Typical hot melt hoses experience shortened service life due to gradual material buildup on the inside throughout use. In many situations, PureFlow hoses can double the average useful life of a hose by keeping fluid pure and the interior of the hose clean. Additionally, RediFlex II mounts, which come with the T Style 9/16" and TC-9/16" hoses, improve routing and hanging to further increase hose life. Aramid insulation inside the hose maintains a consistent temperature, improving thermal efficiency and adhesive flow.



| Features | Benefits |
|---|--|
| Reduced material degradation—such as curing, charring, discoloration and odor—supports high-performance, demanding environments | Maximizes material performance by reducing adhesive and fluid waste due to degradation and contamination |
| Compatible with standard hot melt adhesives, reactive hot melt adhesives and most heated fluids | Minimizes char, resulting in fewer nozzle clogs |
| Integrated hangers (on 9/16"-styles only) prevent damage and downtime caused by compression and sharp bending | Helps prevent stringing caused by hose cool spots that can reduce adhesive temperature |
| Easy snap-on installation enables flexible hose hanging, routing, pairing and keeps hoses off of floors | Reduces downtime and maintenance costs associated with frequent hose replacements |
| Hangers include routing provisions for solenoid cable and air tubing | Robust and durable for virtually any plant environment |
| Make-first/break last electrical connections and separate, parallel ground paths | |

PureFlow™ Hoses

Nordson recognizes the need for improved hose performance in demanding environments to minimize your downtime and maximize your productivity. PureFlow technology showcases Nordson's commitment to investing in market research and new product development to bring you the most innovative solutions.

Specifications

| | T Style 9/16" | TC-9/16" | T Style 5/8" |
|--------------------------------------|--------------------------------|---------------------------------|--------------------------------|
| Maximum Operating Temperature | 232°C (450°F) | 232°C (450°F) | 232C (450°F) |
| Maximum Hydraulic Pressure | 103 bar (1500 psi) | 103 bar (1500 psi) | 82 bar (1200 psi) |
| Sensor Type | Ni120 | PT100 | Ni120 |
| Hose End Fitting Thread Size | 9/16"-18 | 9/16"-18 | 1-1/16"-12 |
| Hose End Fitting Type | JIC Swivel, 37 Degree Seat | JIC Swivel, 37 Degree Seat | JIC Swivel, 37 Degree Seat |
| Internal Diameter | 6.3 mm (1/4") | 6.3 mm (1/4") | 16 mm (5/8") |
| Electrical Service | 200 VAC/240 VAC | 200 VAC/240 VAC | 200 VAC/240 VAC |
| RediFlex II Hangers | yes | yes | no |
| Available Lengths | 0.6 m to 7.3 m (4 ft to 24 ft) | 0.6 m to 15.8 m (4 ft to 52 ft) | 0.6 m to 7.3 m (4 ft to 24 ft) |
| Ingress Protection | IP 54 | IP 54 | IP 54 |
| UL Certified | up to 7.3 m (24 ft) | Not UL Certified | up to 7.3 m (24 ft) |
| CE Recognized | yes | yes | yes |
| Hot Ends | no | no | yes |



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

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