

Powder Tubing, Fittings, and Miscellaneous Accessories

1. Introduction

This document provides ordering information for air tubing; powder tubing; measurement equipment; fittings and connectors; and miscellaneous parts. If you have any questions about which parts are appropriate for your application needs, contact your Nordson Corporation representative.

2. Air Tubing

Air tubing is sold in bulk increments per foot. Order increments as required.

Part	Description	Note
900 509	Tubing, polyethylene, 1/4 in. OD, black	A
900 534	Tubing, polyethylene, 1/4 in. OD, natural	B
900 730	Tubing, polyurethane, 1/4 in. OD, blue	B
900 617	Tubing, polyurethane, 4 mm OD, clear	
900 615	Tubing, polyethylene, 6 mm OD, black	A
900 586	Tubing, polyethylene, 6 mm OD, blue	B
900 741	Tubing, polyurethane, 6 mm OD, black	A
900 742	Tubing, polyurethane, 6 mm OD, blue	B
173 102	Tubing, polyethylene, 8 mm OD, black	A
173 101	Tubing, polyethylene, 8 mm OD, clear	B
900 618	Tubing, polyurethane, 8 mm OD, black	A
900 619	Tubing, polyurethane, 8 mm OD, blue	B
900 511	Tubing, polyethylene, 3/8 in. OD, black	C
900 593	Tubing, polyethylene, 10 mm OD, blue	C
900 740	Tubing, polyurethane, 10 mm OD, blue	C
900 513	Tubing, polyethylene, 1/2 in. OD, natural	
900 613	Tubing, polyethylene, 12 mm OD, blue	

NOTE A: Use this tubing for flow air.

NOTE B: Use this tubing for atomizing air.

NOTE C: Use this tubing for fluidizing and input air.

3. Powder Tubing

Powder tubing is sold in bulk increments per foot. Order increments as required.

Powder Delivery Tubing

Use this list to order appropriate powder delivery tubing.

Part	Description	Note
900 549	Tubing, 0.375 in. ID, black	A
900 550	Tubing, 0.500 in. ID, black	A
900 723	Tubing, 0.375 in. ID, clear	B
900 724	Tubing, 0.500 in. ID, clear	B
900 648	Tubing, 0.440 in. ID, blue	C
900 649	Tubing, 0.375 in. ID, blue	C
900 650	Tubing, 0.500 in. ID, blue	C

NOTE A: Use this tubing for organic powders.
 NOTE B: Use this tubing for porcelain-enamel powders.
 NOTE C: Use this tubing for metallic and most organic powders.

Powder Delivery/Transfer Tubing

Use this list to order appropriate powder delivery/transfer tubing.

Part	Description	Note
900 551	Tubing, 0.750 in. ID, black	A
900 725	Tubing, 0.750 in. ID, clear	B
900 651	Tubing, 0.750 in. ID, blue	C

NOTE A: Use this tubing for organic powders.
 NOTE B: Use this tubing for porcelain-enamel powders or as a delivery hose for HF-10 pipe coating guns.
 NOTE C: Use this tubing for metallic and most organic powders.

4. Measurement Equipment

Measurement equipment is sold per unit. Order each unit as required.

Part	Description	Note
185 807	Non-loading kV meter kit	A
307 450	Megohmmeter, insulation tester	
161 411	Shorting plug, IPS multiplier	B
189 596	Testing plug, IPS control unit	B
307 449	Air velocity meter	
307 447	Wind meter, pocket	
307 448	Propeller replacement, wind meter	
NOTE A: This kit measures output voltage. Trade-in is available.		
NOTE B: These parts assist in diagnostic testing. Refer to appropriate gun and control manuals for proper use.		

5. Fittings and Connectors

Fittings and connectors are sold per unit. Order each unit as required.

Part	Description	Note
972 119	Elbow, male, 1/4 in. tube x 1/8 NPT	
972 126	Elbow, male, 6 mm tube x 1/8 universal thread	
972 276	Elbow, male, 8 mm tube x 1/8 universal thread	
972 277	Elbow, male, 8 mm tube x 1/4 universal thread	
972 716	Connector, male, 1/4 in. tube x 1/8 NPT	
163 437	Connector, male, 8 mm tube x 1/8 universal thread	
972 157	Connector, female, 6 mm tube x 1/8 RPT	
972 142	Elbow, male, 6 mm tube x 1/4 universal thread	
972 141	Connector, male, 6 mm tube x 1/8 universal thread	
971 100	Connector, male, 6 mm tube x 1/4 universal thread	
183 804	Plug, 6 mm tubing	
972 183	Elbow, male, 3/8 in. tube x 1/4 NPT	
972 194	Elbow, male, 3/8 in. tube x 3/8 NPT	
972 124	Elbow, male, 10 mm tube x 3/8 universal thread	
972 125	Elbow, male, 10 mm tube x 1/4 universal thread	
972 841	Connector, male, 10 mm tube x 1/4 universal thread	
972 282	Connector, male, 8 mm tube x 1/4 universal thread	
327 748	Connector with check valve, male, 8 mm tube x 1/4 universal thread	A
309 452	Connector with check valve, male, 6 mm tube x 1/4 universal thread	
972 283	Connector, round, male, 10 mm tube x 1/4 universal thread	

NOTE A: This connector is used in the Sure Coat manual control unit for flow and atomizing air.

Continued on next page

Part	Description	Note
148 256	Plug, 10 mm tubing	
247 699	Connector for 9.5 mm powder tubing	
247 701	Connector for 12.7 mm powder tubing	
972 093	Elbow, male, 12 mm tube x $\frac{1}{4}$ universal thread	
972 094	Elbow, male, 12 mm tube x $\frac{3}{8}$ universal thread	
972 240	Elbow, male, 12 mm tube x $\frac{1}{2}$ universal thread	
249 446	Plug, male, 10 tube connector, 6 mm	B
249 455	Plug, male, 10 tube connector, 8 mm	B
249 469	Plug, male, 10 tube connector, $\frac{1}{4}$ in.	B
249 447	Socket, female, 10 tube connector, 6 mm	B
249 461	Socket, female, 10 tube connector, 8 mm	B
249 470	Socket, female, 10 tube connector, $\frac{1}{4}$ in.	B
NOTE B: New style for SMC ten-tube connector fittings.		

6. Miscellaneous Parts

Parts are sold per unit. Order each unit as required.

Part	Description	Note
900 517	Spiral-wrap tubing	A
900 620	Spiral-wrap tubing, $\frac{3}{8}$ ID	B
939247	Snap-it hose clamp, small (for 0.375 and 0.500 in. ID black powder tubing)	
939 459	Snap-it hose clamp, large (for 0.750 in. ID black powder tubing)	
246 930	Snap-it hose clamp, large (for 0.750 in. ID blue powder tubing)	
247 006	Snap-it hose clamp, small (for blue powder tubing)	
247 658	Dielectric grease, 10 cc applicator (box of 12)	
245 733	Dielectric grease, 3 cc applicator (box of 12)	
247 512	High-voltage insulating oil, 7.5 ml (0.20 oz)	
295 127	High-voltage insulating oil, 0.95 liters (1 quart)	
301 841	Velcro strap, small, 25 x 3 cm	
301 866	Velcro strap, large, 41 x 3 cm	
900 366	Touch-up paint, blue, spray can	
900 367	Touch-up paint, blue, marker	
211 229	Lexel caulk, clear, 10.5 oz tube	
900 401	RTV sealant, 12 oz tube	
226 097	Filter element, coalescing	C
226 098	Filter element, particulate	C
226 099	Dessicant media	C
180 786	Booth squeegee	
180 787	Handle, booth squeegee	
249 445	10-tube mounting bracket	D

NOTE A: Use this tubing for bundling/dressing out cables, air tubing, and powder delivery tubing.

NOTE B: Use this smaller-sized tubing with the Sure Coat gun.

NOTE C: Use with air dryer/filter, part 224 732.

NOTE D: Use this bracket with new SMC ten-tube connector fittings.

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