

This is a thin, light duty, economical vinyl air vent or blower hose commonly used for bilge venting on boats (for a flame resistant hose see our NL6035 HTR Ducting). It is also used for bathroom fans and on furnace mounted humidifier units up to +65°C (150°F). Although not recommended due to its temperature limitations and corrugated interior (leads to lint build up), it was traditionally seen on residential dryers - however flexible aluminum ducting with a smooth interior should be used on dryers.

Temperature Range: -20°C (-4°F) to +65°C (150°F)

Construction: White (NL6001) or black (NL6002) vinyl with a steel wire helix.

Typical Fittings/Clamps: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.



NL6001 White



NL6002 Black

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Std 12.5' Increments	Bulk Price/ft	Bulk Length*
White Colour										
3"	NL6001-300	-	-	-	.08	B	\$ 0.97	\$ 0.83	\$ 0.69	50 ft
4	NL6001-400	-	-	-	.10	C	1.17	1.00	0.83	50
Black Colour										
3"	NL6002-300	-	-	-	.08	A	\$ 0.97	\$ 0.83	\$ 0.69	50 ft
4	NL6002-400	-	-	-	.10	C	1.17	1.00	0.83	50

*All ducting is measured when fully extended.

NL6000 ~ CLEAR LAYFLAT BAG DUCT/BLOWER

DCP

NL6000 is a lightweight air ventilation tubing (similar to a plastic bag, lays flat) that is used for transferring large volumes of forced air for building renovations or other temporary air diffusing applications. It is a layflat duct that is not designed for permanent installations and will collapse when air flow stops.

***SPECIAL NOTE:** This hose is NOT measured by its internal diameter, but rather its diameter when laying flat.



Temperature Range: -12°C (-4°F) to +54°C (130°F)

Construction: Clear Poly bag/tube (4 mil gauge) with no reinforcement.

Typical Fittings/Clamps: Duct tape, N62/64 Gear clamps; not used with fittings.

Layflat Diameter	Part #	*Approx Inside* Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Bulk Price/ft	Bulk Length
12 flat	NL6000-1200	7.63	-	-	.04	C	\$ 0.62	\$ 0.41	1302 ft
18 flat	NL6000-1800	11.00	-	-	.06	C	0.74	0.49	868
24 flat	NL6000-2400	15.00	-	-	.08	C	0.98	0.65	651
30 flat	NL6000-3000	19.00	-	-	.10	N	1.22	0.81	521
36 flat	NL6000-3600	22.88	-	-	.11	C	1.46	0.97	434
48 flat	NL6000-4800	30.50	-	-	.12	C	1.95	1.30	326

*Unlike other ducting hoses, which are measured by their inside diameter, this unique layflat product is measured by its diameter across when laying flat (actual inside diameter when round is also listed).

NL6120 ~ LIGHT DUTY SILVER AIR BLOWER

DCM

This is a very lightweight, economical, accordion-style ducting hose designed strictly for the transfer of large volumes of air and is not designed for abusive environments or welding fumes. It is commonly used for temporary ducts or hydroponic venting. The thin wall is air tight and has limited resistance to punctures. **This hose is NOT recommended as a dryer vent hose as lint can build up inside the hose due to its corrugated interior; flexible aluminum ducting with a smooth interior should be used for dryer vent.**

Temperature Range: -30°C (-20°F) to +120°C (250°F)

Construction: Aluminized film with a wire helix.

Typical Fittings/Clamps: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.



Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	25' Only	Bulk Price/ft	Bulk Length*
4"	NL6120-400	-	-	.10"	-	C	-	\$ 1.50	25 ft
6	NL6120-600	-	-	.15	-	C	-	1.61	25
8	NL6120-800	-	-	.20	-	B	-	1.76	25
10	NL6120-1000	-	-	.25	-	B	-	2.47	25
12	NL6120-1200	-	-	.30	-	B	-	3.64	25
14	NL6120-1400	-	-	.42	-	C	-	3.70	25
16	NL6120-1600	-	-	.55	-	C	-	4.04	25

*All ducting is measured when fully extended.

NL6100 is an accordion-style ducting commonly used by utility companies for supplying air to manholes or confined spaces. It is also used for heating, drying, cooling, and ventilation in permanent or portable systems. This hose has an external wear strip to help prevent premature wire wear through. Its crush-resistant helix has a wide pitch for easy compressibility (12:1). This hose is available with belted ends, wire ring ends (plain), or a soft cuff. Popular lengths are listed below and others are available on special request.



Temperature Range: -29°C (-20°F) to +85°C (185°F)

Construction: Yellow, medium weight, durable vinyl/polyester fabric (with a black external wear strip) sewn around a steel wire.

Typical Fittings: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter*	Part #	End Configuration	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/lgt	◆ Stock	Bulk Only	Bulk Price/ea	Bulk Length*
Ring Ends									
6"	NL6100-600X25	Ring x Ring	1.3 psi	-	16.0	N	-	\$ 250.15	25 ft
8	NL6100-800X25	Ring x Ring	1.2	-	19.0	N	-	278.37	25
10	NL6100-1000X25	Ring x Ring	.90	-	25.0	N	-	321.75	25
12	NL6100-1200X25	Ring x Ring	.80	-	35.0	N	-	446.64	25
Ring x Belt Ends									
8"	NL6101-800X15	Ring x Belt	1.2 psi	-	11.4	C	-	\$ 167.02	15 ft
8	NL6101-800X25	Ring x Belt	1.2	-	19.0	B	-	278.37	25
12	NL6101-1200X15	Ring x Belt	.80	-	21.0	C	-	443.34	15
12	NL6101-1200X25	Ring x Belt	.80	-	35.0	C	-	570.00	25

*Other sizes and lengths are available.

*Measured when fully extended. Other sizes and lengths are available.

NL6140 ~ SILVER WELDING EXHAUST

DCM

NL6140 is a lightweight, compact, accordion-style ducting used for welding fume control, grinder exhaust, steel cutoff exhaust, and other applications where the hose will be subject to a large amount of welding sparks. Its flame-retardant fabric construction does not have any glues. This hose has a 6:1 compression ratio for storage & shipping.



Temperature Range: -29°C (-20°F) to +149°C (300°F)

Construction: Shiny silver, fiberglass base fabric laminated with aluminized polyester and reinforced with a galvanized wire helix.

Typical Fittings: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter	Part #	Outside Diameter	Working Pressure	Bend Radius	Weight lbs/ft	◆ Stock	25' Only	Bulk Price/ft	Bulk Length*
3"	NL6140-300	-	-	-	.38	C	-	\$ 16.63	25 ft
4	NL6140-400	-	-	-	.50	C	-	21.03	25
5	NL6140-500	-	-	-	.60	C	-	23.82	25
6	NL6140-600	-	-	-	.71	C	-	28.79	25
7	NL6140-700	-	-	-	.89	N	-	35.67	25
8	NL6140-800	-	-	-	1.02	C	-	38.81	25
10	NL6140-1000	-	-	-	1.20	N	-	53.45	25
12	NL6140-1200	-	-	-	1.38	N	-	49.98	25

NL6080 ~ TYPE 333 CLEAR POLYETHYLENE DUCTING

DCP

NL6080 is a clear, all polyethylene ducting hose that is ideal for chemical ventilation (refer to chemical charts), as well as pneumatic blowing of light materials (such as insulation, wood shavings, leaves, dust, etc.). Its lightweight construction makes it extremely easy to drag & maneuver, while its close pitch, hardened polyethylene helix offers a very smooth interior allowing for no material build-up. It is not recommended for transferring liquids, heavy products, or abrasive materials (see rubber or urethane ducting for abrasives). Its clear wall permits visual confirmation of flow. It is manufactured with FDA compliant compounds for light-duty food & beverage applications (consult manufacture with specific application details).



Temperature Range: -34° C (-30°F) to 54°C (130°F)

Construction: Interior: Smooth, clear polyethylene Exterior: Slightly corrugated polyethylene.

Typical Fittings: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter	Part #	OD Nominal	Vacuum (inHg)	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	◆ Stock	Bulk Only	Bulk Price/ft	Bulk Length*
2"	NL6080-200	2.47"	29	28 psi	4.00"	.21	C	-	\$ 5.52	25/50 ft
2-1/2	NL6080-250	3.00	24	23	5.25	.26	C	-	5.96	25/50
3	NL6080-300	3.52	18	18	6.75	.30	C	-	6.63	25/50
4	NL6080-400	4.52	12	12	8.25	.40	C	-	9.84	25/50

*All ducting is measured when fully extended.

NL6035 is lightweight, crush resistant, chemical and flame resistant (FMVSS302 flame standards, self extinguishing) ducting hose made of polypropylene rubber. Unlike many other ducting hoses, HTR incorporates a polypropylene rod helix so it will spring back to shape when crushed with reasonable force. It has excellent compressibility and is commonly used as a quality heater/defroster/air conditioning hose, bilge venting on boats, drying blowers, light materials, and ventilation for certain chemicals.


CRUSH PROOF

Temperature Range: -40°C (-40°F) to +107°C (225°F)

Construction: Black polypropylene (FMVSS 302 approved) with an integral polypropylene rod helix

Typical Fittings: N62/64 Gear clamps, duct tape, N68 T-bolt clamps, N75/N77 Mikalor clamps.

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	◆ Stock	Bulk Only	Bulk Price/ft	Bulk Length*
1"	NL6035-100	1.27"	11 psi	1.25"		N	-	\$ 4.24	25/50 ft
1-1/4"	NL6035-125	1.56"	10	1.75"		N	-	4.43	25/50
1-1/2"	NL6035-150	1.83"	10	2.25"		N	-	4.46	25/50
2"	NL6035-200	2.34"	10	3.25"		N	-	4.73	25/50
2-1/2"	NL6035-250	2.84"	9	4.00"		N	-	5.01	25/50
3"	NL6035-300	3.34"	8	4.50"		C	-	5.54	25/50
4"	NL6035-400	4.36"	3	4.75"		B	-	7.56	25/50
5"	NL6035-500	5.36"	4	4.13"		N	-	7.74	25/50
6"	NL6035-600	6.45"	7	5.13"		N	-	10.55	25/50

*All ducting is measured when fully extended.

NL6185 ~ ECONOMY GREY PVC DUCTING DCP

NL6185 is an economical, light duty, solid grey PVC duct hose commonly seen on original dust collection systems, such as on band saws or cutoff saws. It is not designed to be dragged or used with abrasive chips - we recommend using hose like our NL6025 RFH for replacing this hose on dust collection systems. This hose is available in bulk lengths only.



Temperature Range: -12°C (-4°F) to +54°C (130°F)

Construction: Interior: Smooth grey PVC with a PVC helix. Exterior: Slightly corrugated grey PVC.

Typical Fittings: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	◆ Stock	Bulk Only	Bulk Price/ft	Bulk Length
3"	NL6185-300	3.13"	-	3"	.41	N	-	\$ 6.20	10 ft
4"	NL6185-400	4.13"	-	3"	.58	C	-	6.54	50
5"	NL6185-500	5.13"	-	4"	.78	N	-	10.86	10

NL6170/6171 ~ REINFORCED PVC VACUUM VAC

NL6170 is a lightweight, flexible PVC ducting hose that has a textile braiding for extra strength. This braided textile permits greater working pressures, prevents elongation under pressure or heat, and provides excellent resistance to flex-fatigue. It is commonly used as a wet or dry material chute on moving parts on machinery. It is also used in commercial or industrial vacuum cleaners (all sizes rated to 29"/hg of vacuum) and as a bilge hose on boats. The NL6170 is light grey in colour and the NL6171 is blue (available on special request). We also offer thread-on vacuum cuffs for the 1-1/2" and 2" sizes.



Temperature Range: -29°C (-20°F) to +65°C (150°F)

Construction: Tube: Smooth, clear PVC. Cover: Corrugated, PVC (NL6170 is grey and NL6171 is blue). Reinforcement: Rigid wire helix with a bonded high strength textile braid.

Typical Fittings: N6170 Cuffs, N62/64 Gear clamps, duct tape.

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	◆ Stock	Regular Price/ft	Std 25' Increments	Bulk Price/ft	Bulk Length*
1-1/4"	NL6170-125	1.40"	15 psi	-	.17	C	\$ 5.20	\$ 4.46	\$ 3.71	50 ft
1-1/2"	NL6170-150	1.67"	14	-	.24	C	6.12	5.25	4.37	50
2"	NL6170-200	2.17"	7	-	.29	C	7.54	6.46	5.38	50
2-1/2"	NL6170-250	2.67"	7	-	.41	N	10.29	9.56	7.35	50
3"	NL6170-300	3.18"	7	-	.47	N	11.51	10.69	8.22	25
4"	NL6170-400	4.20"	7	-	.85	N	14.91	13.85	10.65	25
Hose Cuffs										
Fits 1-1/2"	N6170-150-150	1-1/2" Cuff				C	-	-	\$ 6.31	1
Fits 2"	N6170-200-200	2" Cuff				C	-	-	16.98	1

*All ducting is measured when fully extended.

NL6310 is an all purpose, crush resistant vacuum hose that has a streamlined interior and exterior to ensure no hang-ups and maximum flow. It will handle temperatures up to +60°C/140°F (intermittently up to +71°C/160°F) and the detergents and shampoos present in portable and truck mounted carpet cleaning operations or extraction machines. Larger sizes of this hose are used for insulation blowing or light material handling where an economical hose is desirable (as compared to heavier, more expensive rubber or urethane hoses). It is a flexible, rugged, and durable hose with a non-scuffing integral helix. It is also available in orange & black (NL6312) on special request. Each length comes with permanently attached cuffs.



Temperature Range: -40°C (-40°F) to +60°C (140°F). Intermittently to +71°C (160°F).

Construction: Interior: Smooth, black polyethylene. Exterior: Smooth, grey/black (NL6310) or blue/black (N6311) polyethylene (left hand/counter clockwise).

Typical Fittings: N6310 Series vacuum cuffs, nozzles, & accessories.

Inside Diameter	Part #	Outside Diameter	Working Pressure	Vacuum @20°C (70°F)	Weight lbs/ft	♦ Stock	Regular Price/ft	Std 25' Increments	Bulk Price/ft	Bulk Length
Grey & Black (Standard)										
1-1/4"	NL6310-125	1.68"	-	Full	.19	B	\$ 2.97	\$ 2.55	\$ 22.12	50 ft
1-1/2"	NL6310-150	2.00	-	Full	.28	A	3.77	3.23	2.69	50
2"	NL6310-200	2.48	-	Full	.42	A	5.49	4.71	3.92	50
3"	NL6310-300*	3.50	-	Full	.65	C	-	-	8.49	50
4"	NL6310-400*	4.50	-	Full	1.00	C	-	-	10.52	50
Blue & Black (Optional)										
1-1/2"	NL6311-150	2.00"	-	Full	.28	C	-	-	\$ 3.03	50 ft
2"	NL6311-200	2.48	-	Full	.42	C	-	-	4.37	50

*3" & 4" sizes do not come with vinyl screw cuffs (3" is available upon request).

N6300 SERIES ~ VINYL SCREW CUFFS, UNIONS, MENDERS & VACUUM NOZZLES

VAC

Our vinyl screw cuffs will fit over our commercial vacuum hoses listed above. N6310 are standard, solid cuffs while the N6311 are swivel cuffs to resist hose twisting. We also offer two types of unions or menders for our vacuum hoses. The N6315 is an external vinyl screw union while the N150 is a push-in poly internal mender. The external screw unions ensure full flow during service. Some users like the internal mender because it keeps the exterior of the hose streamlined, but the internal menders do not hold up to end pull as well. N6340 vinyl screw nozzles have a 45° angled head and the N6345 is a claw nozzle that increases vacuum by up to 15%.

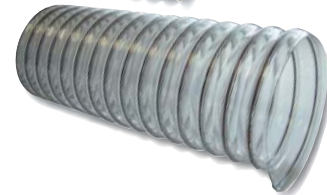
Hose Size	Cuff Size	Part #	Weight lbs/ea	♦ Stock	Std Price	Bulk Price	Bulk Pkg
Solid Screw Cuffs (Standard)							
1-1/4"	1-1/4"	N6310-125-125	.10	B	\$ 4.59	\$ 3.82	10
	1-1/2"	N6310-125-150	.15	C	7.89	6.57	10
1-1/2"	1-1/4"	N6310-150-125	.20	C	9.71	8.09	10
	1-1/2"	N6310-150-150	.18	A	5.30	4.41	10
	2"	N6310-150-200	.20	B	9.71	8.09	10
2"	1-1/2"	N6310-200-150	.20	C	11.80	9.83	10
	2"	N6310-200-200	.25	A	8.70	7.25	10
3"	3"	N6310-300-300	.40	C	17.24	14.36	10
Swivel Screw Cuffs							
1-1/2"	1-1/2"	N6311-150-150	.21	B	\$ 8.51	\$ 7.09	10
2"	2"	N6311-200-200	.39	B	10.47	8.72	10
External Vinyl Unions							
1-1/4"		N6315-125-125	.12	C	\$ 8.38	\$ 6.98	10
1-1/2"		N6315-150-150	.16	A	8.38	6.98	10
2 x 1-1/2"		N6315-200-150	.22	C	13.98	11.65	10
2"		N6315-200-200	.25	A	10.08	8.40	10
Internal Poly Menders (for suction only)*							
1-1/4"		N150-125PP	.08	C	\$ 5.48	\$ 4.38	10
1-1/2"		N150-150PP	.10	C	6.00	4.80	10
2"		N150-200PP	.13	B	14.30	11.44	10
45° Pigsfoot Style w/ Grooves							
1-1/2"	1-1/2"	N6340-150-150	.32	C	\$ 10.60	\$ 8.83	10
2"	2"	N6340-200-200	.55	C	12.21	10.17	10
Polyethylene Claw							
1-1/2"	Claw	N6345-150-150	.45	B	\$ 10.67	\$ 8.89	10
2"	Claw	N6345-200-200	.71	B	10.74	8.95	10



NL6190 is a medium duty, flexible, clear PVC ducting hose for air, fumes, or pneumatic blowing of light materials (wood shavings, leaves, fine ice, dust, etc.). It is not recommended for transferring liquids, heavy products, or abrasive materials (see rubber or urethane ducting for abrasives). Its clear wall permits visual confirmation of flow and the external PVC helix permits the hose to be dragged easily across the ground. PVC as a material is "self-extinguishing", but this hose is NOT made of UL94V-0 materials so it should not be used for 'confined space' ventilation as it will create harmful fumes if melted/burned. In addition to our NL6190 medium wall, we also offer the NL6005 a medium wall PVC hose with an embedded 'wire' helix rather than an external PVC helix seen on the NL6190. The NL6005 is not designed to be dragged, but its wire helix provides impact resistance (whereas a PVC helix will crack) and gives the hose a cleaner, more streamlined look. NL6005 can also be clamped more easily.



NL6190 with hardened external PVC helix.



NL6005 CVD

Temperature Range: -12°C (-4°F) to +54°C (130°F)

Construction: Interior: Smooth, thin, clear PVC. Exterior: NL6190/6195 has a rigid, grey or white PVC helix with clear PVC between and the NL6005 has a wire helix with clear PVC between. NL6190 & NL6005 have a left hand spiral helix.

Typical Fittings/Clamps: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings. N64BC clamps (NL6005 only).

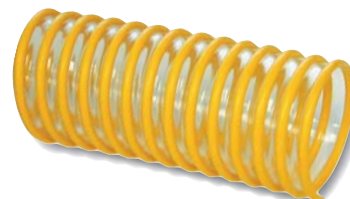
Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Std 12.5' Increments	Bulk Price/ft	Bulk Length*
Medium Wall (Standard .040" Wall) w/ Hardened External PVC Helix										
1"	NL6190-100	1.25"	20 psi	1"	.15	C	\$ 4.24	\$ 3.92	\$ 3.26	100 ft
1-1/4	NL6190-125	1.52	20	1	.20	N	4.42	4.08	3.40	100
1-1/2	NL6190-150	1.82	20	1	.23	B	4.61	4.25	3.54	100
2	NL6190-200	2.39	15	2	.32	B	6.67	6.16	5.13	100
2-1/2	NL6190-250	2.89	10	2	.39	C	7.83	7.23	6.02	100
3	NL6190-300	3.46	10	3	.50	A	9.18	8.48	7.06	100
3-1/2	NL6190-350	4.02	9	3	.68	N	12.04	11.12	9.26	100
4	NL6190-400	4.50	8	3	.77	A	12.91	11.92	9.93	100
5	NL6190-500	5.50	7	5	.91	C	21.40	19.76	16.46	100
6	NL6190-600	6.54	6	6	1.07	A	23.87	22.04	18.36	100
8	NL6190-800	8.59	4	8	1.74	C	38.48	35.52	29.60	50
10	NL6190-1000	11.68	2	10	2.70	C	57.00	52.61	43.84	50
"CVD" Light Wall (.030" Wall) w/ Wire Helix										
3"	NL6005-300	3.13"	15 psi	-	.40	N	Bulk	-	\$ 7.49	25/50 ft
4	NL6005-400	4.13	10	-	.56	N	Only	-	8.47	25/50
5	NL6005-500	5.17	8	-	.66	N	-	-	9.80	25/50
6	NL6005-600	6.18	6	-	.75	N	-	-	9.98	25/50
8	NL6005-800	8.20	4	-	1.10	N	Bulk	-	13.77	25/50
10	NL6005-1000	10.25	3	-	1.44	N	Only	-	19.62	25/50
12	NL6005-1200	12.25	2	-	1.70	N	-	-	21.51	25/50

*All ducting is measured when fully extended.

NL3305 ~ CLEAR URETHANE BLOWER DUCTING W/ CORRUGATED PVC HELIX

DCU

NL3305 is a clear, highly abrasion resistant ducting that will typically out perform more economical PVC or polyethylene ducting in dry, abrasive applications. It is designed for pneumatic transfer of dry products such as chips, sand, pebbles, or as an abrasive material chute (it is not designed for large, heavy objects or liquids). It is an extremely lightweight and easily handled hose that is weather resistant. NL3305 (standard) has a hardened, external yellow PVC helix to reduce dragging friction.



Hardened External Helix



Temperature Range: -35°C (-30°F) to +60°C (+140°F)

Construction: Interior: Clear polyurethane. Exterior: Right hand spiral corrugated yellow PVC helix with an embedded static wire.

Typical Fittings/Clamps: N62/64 Gear clamps, duct tape.

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Std 25' Increments	Bulk Price/ft	Bulk Length*
Standard (.040" Wall) w/ Hardened External PVC Helix										
1-1/2"	NL3305-150	1.82"	20 psi	2.0"	.29	C	\$ 12.45	\$ 11.41	\$ 10.37	100 ft
2	NL3305-200	2.43	20	2.0	.48	B	17.15	15.72	14.29	100
2-1/2	NL3305-250	2.96	20	3.0	.61	N	21.66	19.86	18.05	100
3	NL3305-300	3.54	15	3.0	.69	B	23.10	21.18	19.25	100
4	NL3305-400	4.56	10	4.0	.92	A	34.22	31.37	28.51	100
5	NL3305-500	5.51	8	5.0	1.13	N	52.28	47.92	43.56	100
6	NL3305-600	6.52	7	6.0	1.24	C	63.64	58.34	53.03	100
8	NL3305-800	8.60	5	8.0	1.60	N	101.06	92.64	84.21	50
White Banding Coil (Right-Hand) PTR										
3"	N3301-300	-	-	-	-	C	\$ 20.90	-	\$ 19.00	3 ft
4	N3301-400	-	-	-	-	C	25.01	-	22.73	3

*All ducting is measured when fully extended.

NL6060/NL6066 are clear, abrasion resistant ducting hoses that will typically out perform more economical PVC or polyethylene ducting in dry, abrasive applications. **They are designed for pneumatic transfer of dry products such as chips, sand, pebbles, or as an abrasive material chute (it is not designed for large, heavy objects or liquids).** NL6060/NL6066 are extremely lightweight and easily handled hoses that have an integral copper wire helix (not designed to be dragged). The wire helix provides impact resistance (whereas a PVC helix will crack) and gives the hose a cleaner, more streamlined look. The NL6060 (.035" wall) and NL6066 (.045" wall) are manufactured with FDA compliant compounds so they can be used in food applications such as sugar, salt, or medical supplies.

Temperature Range: -54°C (-65°F) to +93°C (+200°F)

Construction: Interior: Polyurethane. Exterior: Slightly corrugated polyurethane wall with a left hand spiral solid copper wire helix.

Typical Fittings/Clamps: N62/N64/N64BC Gear clamps, duct tape.



NL6060/NL6066
Clear UFD

Also Available in Clear Blue
Tint UFD .045" Wall Upon
Special Request - Minimum
order 150ft (Series NL6065)



Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Bulk Price/ft	Bulk Length*
Clear UFD Light Wall (.035" Wall) w/ Wire Helix									
2"	NL6060-200	2.29"	30 psi	2.0"	.29	C	\$ 15.02	\$ 12.51	25/50 ft
2-1/2	NL6060-250	2.79	30	2.2	.32	C	16.20	13.50	25/50
3	NL6060-300	3.32	27	3.5	.40	C	17.32	14.43	25/50
3-1/2	NL6060-350	3.79	25	3.7	.47	N	18.58	15.48	25/50
4	NL6060-400	4.34	19	4.5	.60	C	19.80	16.50	25/50
5	NL6060-500	5.34	17	5.0	.70	C	23.00	19.16	25/50
6	NL6060-600	6.37	14	5.5	1.00	C	24.84	20.70	25/50
7	NL6060-700	7.39	14	6.5	1.20	C	29.96	24.96	25/50
8	NL6060-800	8.40	11	8.0	1.42	C	31.77	26.47	25/50
10	NL6060-1000	10.42	8	9.0	1.50	C	45.53	37.94	25/50
12	NL6060-1200	12.44	7	12.0	1.90	C	50.10	41.75	25/50
14	NL6060-1400	14.45	6	14.0	2.20	N	63.03	52.52	25/50
Clear UFD Heavy Wall (.045" Wall) w/ Wire Helix*									
3"	NL6066-300	3.34	30 psi	5.0"	.63	C	-	\$ 18.08	25/50 ft
4	NL6066-400	4.36	21	6.5	.82	C	-	20.51	25/50
5	NL6066-500	5.36	18	7.5	.91	C	-	21.96	25/50
6	NL6066-600	6.40	16	8.5	1.47	C	-	24.08	25/50
7	NL6066-700	7.42	14	10.5	1.80	C	-	26.71	25/50
8	NL6066-800	8.43	12	12.0	2.06	C	-	30.47	25/50
10	NL6066-1000	10.43	10	14.0	2.23	C	-	47.83	25/50
12	NL6066-1200	12.43	8	16.0	2.97	C	-	50.27	25/50
14	NL6066-1400	14.60	7	18.0	3.23	C	-	59.69	25/50
16	NL6066-1600	16.63	4	22.0	3.83	N	-	71.01	25
18	NL6066-1800	18.63	3	26.0	4.80	C	-	84.50	25

*Available in Clear Blue Tint on special request (Series NL6065).

NL6070 ~ CLEAR URETHANE "STATIC DISSIPATIVE" BLOWER DUCTING w/ WIRE HELIX

DCU

This is a similar hose to our NL6060 but incorporates a special additive for permanent, inherent static dissipative properties, which is effective even in low humidity environments or Clean Rooms (meets Electronics Industry Association Standard 541). **It can also be used for pneumatic transfer of dry products such as powders, grain dust, flour dust, or as an abrasive material chute where static buildup is a problem (it is not designed for large, heavy objects or liquids).** It will not outgas and is free of fillers and surface oils. It is extremely lightweight and easily handled hoses that has an integral copper wire helix (not designed to be dragged). **SPECIAL NOTE:** It will dissipate static without grounding the internal wire, but it will perform better with the wire grounded to metal surfaces. Resistivity: 2×10^{10} ohms/square surface; 8.6×10^9 ohms/cm volume; FTMS-101C Static Decay Rate 5000V to 50V <1.0 second.

Temperature Range: -29°C (-20°F) to +71°C (+160°F)

Construction: Interior: Static Dissipative Polyurethane. Exterior: Slightly corrugated polyurethane wall with a left hand spiral copper wire helix.

Typical Fittings/Clamps: N62/N64/N64BC Gear clamps. Ground internal metal wire to metal surface.



NL6070 UFD-SD
Expose and ground internal
wire properly for speeding
static dissipation

Inside Diameter	Part #	Outside Diameter	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Bulk Price/ft	Bulk Length*
Clear UFD-SD (.035" Wall) w/ Wire Helix									
2"	NL6070-200	2.29"	30 psi	2.0"	.29	N	Full	\$ 17.89	25/50 ft
2-1/2	NL6070-250	2.79	30	2.2	.32	N	Coils	19.77	25/50
3	NL6070-300	3.32	27	3.5	.40	N	Only	21.42	25/50
4	NL6070-400	4.34	19	4.5	.60	N		22.28	25/50
5	NL6070-500	5.34	17	5.0	.70	N		27.58	25/50
6	NL6070-600	6.37	14	5.5	1.00	N	Full	34.42	25/50
8	NL6070-800	8.40	11	8.0	1.42	N	Coils	44.62	25/50
10	NL6070-1000	10.42	8	9.0	1.50	N	Only	52.62	25/50
12	NL6070-1200	12.44	7	12.0	1.90	N		62.33	25/50

NL6025 is a general purpose, accordion-style, thermoplastic rubber ducting that has largely replaced traditional neoprene coated fabric ducting (such as our NL6010 DC/AF-2/CWC ducting which was made up from less durable fabrics that were glued together). RFH is commonly used for aggressive air handling, drying, fume control, dust collection, small wood chips, material chuting, leaf collection, or other industrial blower/ducting applications (not for use with liquids or very abrasive materials). It is a highly flexible hose that is air tight and has a high resistance to various chemicals, ozone, UV, moisture, punctures, weathering, flexural fatigue, as well as hot and cold temperatures. Contrary to other 'rubber' ducting on the market, our RFH has a slightly corrugated interior thereby minimizing friction loss and material buildup. We also offer it with an orange, hardened external wear strip (NL6030, see next page) to reduce dragging friction and external chafing.



For more aggressive, abrasive ducting applications, a thicker wall is available, but typically with more abrasive applications we recommend going to a urethane construction (although urethanes do not have as high of a temperature range). NL6025 can also be supplied with textile braiding for added tear/tensile strength if used to support parts/equipment.

Temperature Range: -51°C (-60°F) to +135°C (275°F); Intermittent to +150°C (300°F)

Construction: Black, thermoplastic rubber with an integral wire helix (NL6030 incorporates an orange, hardened external wear strip).

Typical Fittings: N62/N64/N64BC Gear clamps, duct tape, sheet metal ducting hose menders; this hose is typically not used with fittings.

Inside Diameter	Part #	Vacuum Rating	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Regular Price/ft	Std 12.5' Increments	Bulk Price/ft	Bulk Length*
Standard (.03" Wall)										
1-1/4"	NL6025-125	29"/Hg	22 psi	2.7"	.17	N	\$ 7.18	\$ 6.63	\$ 5.52	25/50 ft
1-1/2	NL6025-150	29	20	3.0	.19	B	7.18	6.63	5.52	25/50
1-3/4	NL6025-175	29	19	3.3	.21	N	7.43	6.86	5.71	25/50
2	NL6025-200	29	17	3.5	.23	A	7.04	6.50	5.41	25/50/100
2-1/4	NL6025-225	28	15	3.7	.28	C	7.53	6.95	5.79	25/50
2-1/2	NL6025-250	28	13	4.0	.32	A	8.22	7.59	6.32	25/50/100
3	NL6025-300	28	10	4.2	.34	A	8.90	8.21	6.84	25/50/100
3-1/2	NL6025-350	20	10	5.2	.37	C	10.60	9.78	8.15	25/50
4	NL6025-400	20	10	6.5	.49	A	11.11	10.25	8.54	25/50/100
4-1/2	NL6025-450	20	9	7.0	.55	B	11.87	10.96	9.13	25/50
5	NL6025-500	15	9	8.0	.59	A	11.91	11.00	9.16	25/50/100
5-1/2	NL6025-550	12	8	8.2	.63	C	14.63	13.50	11.25	25/50
6	NL6025-600	12	8	8.7	.67	A	13.62	12.57	10.47	25/50/100
7	NL6025-700	10	7	10.0	.80	C	15.08	13.92	11.60	25/50
8	NL6025-800	6	6	10.5	1.00	A	16.77	15.48	12.90	25/50/100
9	NL6025-900	5	5	11.0	1.38	C	23.51	21.70	18.08	25/50
10	NL6025-1000	5	4	11.5	1.44	B	21.45	19.80	16.50	25/50
12	NL6025-1200	4	4	13.7	1.70	B	25.41	23.45	19.54	25/50
14	NL6025-1400	2	2	18.0	2.02	C	33.14	30.59	25.49	25
16	NL6025-1600	2	2	21.0	2.48	C	47.58	43.92	36.60	25
18	NL6025-1800	2	2	21.5	3.20	C	54.93	50.70	42.25	25
20	NL6025-2000	2	1	25.5	3.56	C	72.77	67.17	55.97	25
24	NL6025-2400	1	1	36.0	4.00	C	88.07	81.29	67.74	25
Metric Sizes										
60mm	NL6025-234 (2.34")	28"/Hg	14 psi	3.9"	.29	N	Bulk	Bulk	\$ 6.92	25/50 ft
70mm	NL6025-273 (2.73")	28	11	4.1	.33	N	Only	Only	7.74	25/50
80mm	NL6025-312 (3.12")	23	10	4.4	.35	N	-	-	9.07	25/50
90mm	NL6025-354 (3.54")	20	10	5.2	.37	N	Bulk	Bulk	9.51	25/50
100mm	NL6025-390 (3.90")	20	10	6.0	.42	N	Only	Only	10.34	25/50

*All ducting is measured when fully extended.

**Other sizes available upon request.

RFH Thermoplastic Rubber Ducting vs. Conventional Double-Ply Fabric Ducting

- ✓ **RFH all rubber construction** - RFH utilizes an all thermoplastic rubber construction which eliminates any chance of delamination or separation of the tube and cover.
- ✓ **High Temperature** - RFH Thermoplastic Rubber withstands higher operating temperatures than conventional fabric ducting and can also be used intermittently up to 300°F
- ✓ **Lightweight** - RFH is lighter in weight and provides better flexibility.

NL6030 is used in similar applications as our NL6025 RFH listed on the previous page, but this incorporates an orange, hardened external wear strip for resistance against dragging and chaffing. RFH is commonly used for aggressive air handling, drying, fume control, dust collection, small wood chips, material chuting, leaf collection, or other industrial blower/ducting applications (not for use with liquids or very abrasive materials). It is a highly flexible hose that is air tight and has a high resistance to various chemicals, ozone, UV, moisture, punctures, weathering, flexural fatigue, as well as hot and cold temperatures. Contrary to other 'rubber' ducting on the market, our RFH has a slightly corrugated interior thereby minimizing friction loss and material buildup.



Temperature Range: -51°C (-60°F) to +135°C (275°F); Intermittent to +150°C (300°F)

Construction: Black, thermoplastic rubber with an integral wire helix and an orange, hardened external wear strip.

Typical Fittings: N62/N64/N64BC Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter	Part #	Vacuum Rating	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	25/50' Only	Bulk Price/ft	Bulk Length*
With Orange External Wear Strip									
4"	NL6030-400	20"/Hg	10 psi	6.5"	.70	C	-	\$ 11.36	25/50/100ft
6	NL6030-600	12	8	8.7	.95	B	-	13.43	25/50/100
8	NL6030-800	6	6	10.5	1.20	C	-	17.19	25/50/100
10	NL6030-1000	5	4	11.5	1.70	C	-	22.10	25/50
12	NL6030-1200	4	4	13.7	1.90	C	-	26.05	25

*All ducting is measured when fully extended. Other sizes available upon request.

NL6026 ~ WHITE FDA RFH THERMOPLASTIC RUBBER DUCTING

DCT

NL6026 is the same as our NL6025 RFH, but is white in colour and manufactured with FDA compliant compounds for use in the food/pharmaceutical industries for pneumatic transfer of edible powders or granular materials such as sugar, flour, and salt. It can also be used for clean room ventilation such as in computer chip manufacturing. It is resistant to flex-fatigue, heat, air-loss, and ozone. Its relatively smooth interior prevents material buildup. For highly abrasive food transfer refer to our NL6060/6065 Urethane Ducting.



Temperature Range: -51°C (-60°F) to +135°C (275°F); Intermittent to +150°C (300°F)

Construction: White, thermoplastic rubber with an integral wire helix.

Typical Fittings: N62/64 Gear clamps, duct tape; this hose is typically not used with fittings.

Inside Diameter	Part #	Vacuum Rating	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	25/50' Only	Bulk Price/ft	Bulk Length*
2"	NL6026-200	30"/Hg	17 psi	3.5"	.23	N	-	\$ 7.10	25/50 ft
2-1/2	NL6026-250	28	13	4.0	.32	N	-	8.79	25/50
3	NL6026-300	28	10	4.2	.34	N	-	10.31	25/50
4	NL6026-400	25	10	6.5	.49	N	-	12.35	25/50
5	NL6026-500	15	9	8.0	.59	N	-	13.41	25/50
6	NL6026-600	12	8	8.7	.67	N	-	14.83	25/50
8	NL6026-800	6	6	12.0	1.00	N	-	18.94	25/50
10	NL6026-1000	5	4	11.5	1.44	N	-	23.95	25/50

NL8511/NL8512/NL8542/NL8543 ~ VACUUM TRUCK/STREET SWEEPER

MCL

This is a custom built, heavy duty vacuum hose that is specifically designed for use on street sweepers and vacuum trucks. It is typically used in short lengths (24" to 96") extending to the street brush on the side of the truck. Commonly seen on original equipment, it offers the heavy duty characteristics of a material handling hose with the added flexibility more similar to a ducting hose. It has excellent resistance to abrasion, weathering, and certain chemicals while its deeply corrugated interior and exterior permit maximum flexibility (as an example, 10" size have 3/4" deep corrugations that are 1-1/4" wide and spaced 1/2" apart). Since it must allow for considerable axial movement in a short length, it is built with 1000+ pounds of tensile strength (axial). Many custom lengths are available and all come with soft cuffs (approximately 4"-6" long) for ease of clamping. The specifications shown below are based on a 3/16" tube (NL8511), but a 1/4" tube (NL8512) is also available. Actual thicknesses can vary due to the unique, deep internal corrugations of this hose. As a general rule, a thicker tube results in added abrasion resistance but slightly less flexibility.



For more information refer to the:
 Abrasive Material Section - Pg. 158

NL6155 offers a larger size range (1" ID through to 12" ID) and a more streamlined construction as compared to other fabric ducting. The NL6155 is more suited to applications where there are moving parts or more difficult installation issues which make it difficult to use the wider-pitch, open design of high temperature fabric alternatives. It also has a smoother interior for better flow characteristics in tight quarters. As with other silicone ducting hoses, it is designed for air, dust, fumes, and light powders, but it is NOT for use with liquids or abrasive materials.

Temperature Range: -60°C (-75°F) to +260°C (500°F); Intermittent to +316°C (600°F)

Construction: Burnt orange, silicone coated, woven fiberglass (2-ply) around a spring steel wire helix.

Typical Fittings: N62/64 Gear clamps, this hose is typically not used with fittings.



*Inside Diameter	Part #	Outside Diameter	W.Pressure**/ Vac. Rating	Bend Radius	Weight lbs/ft	♦ Stock	Other Lengths	Std 12' Price/ft	Bulk Length*
1"	NL6155-100	1.12"	28 psi / 28 in/Hg	.94"	.15	C	lengths	\$ 12.35	12 ft
1-1/4	NL6155-125	1.37	26	1.22	.19	N	available	13.55	12
1-1/2	NL6155-150	1.62	25	1.45	.22	C	with a	15.34	12
1-3/4	NL6155-175	1.87	23	1.68	.26	N	setup	16.52	12
2	NL6155-200	2.12	22	1.88	.33	C	charge	17.06	12
2-1/4	NL6155-225	2.39	21	2.18	.38	N	-	19.22	12
2-1/2	NL6155-250	2.65	20	2.38	.40	C	-	20.22	12
3	NL6155-300	3.15	19	2.90	.52	C	-	22.89	12
3-1/2	NL6155-350	3.70	18	3.38	.61	N	-	26.47	12
4	NL6155-400	4.18	16	3.87	.68	C	Other	28.15	12
4-1/2	NL6155-450	4.67	15	4.36	.81	N	lengths	31.30	12
5	NL6155-500	5.17	14	4.88	1.05	C	available	32.89	12
5-1/2	NL6155-550	5.67	13	5.39	1.11	N	with a	36.17	12
6	NL6155-600	6.17	11	5.89	1.21	C	setup	38.28	12
8	NL6155-800	8.19	7	7.84	1.48	N	charge	49.88	12
10	NL6155-1000	10.23	5	9.82	1.57	N	-	62.10	12
12	NL6155-1200	12.23	4	11.82	1.69	N	-	76.78	12

**All working pressures & vacuum ratings are recommended @ 20°C (70°F). All ducting is measured when fully extended.

NL6168 ~ U-Lok 1500 ULTRA-HIGH TEMPERATURE DUCTING W/ GALVANIZED EXTERNAL WIRE HELIX

DCS

NL6168 is a durable, flexible, two-ply ultra-high temperature fabric ducting with a galvanized steel external helix for wear resistance against dragging. It has a 4:1 compression ratio & maximum temperature rating of 816°C (1500°F), NL6168 is designed for high temperature hot air or fume extraction applications where the fan is incorporated downstream from the heat & fume source such as overhead diesel engine exhaust, airport, industrial mill & municipality maintenance facilities.



Temperature Range: -129°C (-200°F) to +816°C (1500°F)

Construction: Grey bonded 2-Ply alumina coated glass fabric reinforced with fine wire w/ galvanized external steel wire helix.

Typical Fittings: N64BC Bridge gear clamps, this hose is typically not used with fittings.

Inside** Diameter	Part #	Vacuum Rating	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Std 25' Price/ft	Std Length*
4"	NL6168-400	2.1"/Hg	3.7 psi	-	1.45	N	\$ POR	25 ft
5	NL6168-500	1.6	3.0	-	1.82	N	POR	25
6	NL6168-600	1.2	2.3	-	2.01	N	POR	25
8	NL6168-800	0.7	1.4	-	2.75	N	POR	25
10	NL6168-1000	0.4	1.0	-	3.32	N	POR	25
12	NL6168-1200	0.3	.75	-	3.89	N	POR	25

**Larger sizes available upon request. All ducting is measured when fully extended.



UL94V-0 Self Extinguishing Ducting:
We also offer hoses specifically made with self extinguishing materials for applications requiring flame retardant UL94V-0 ratings.



NL6250 PVC Self Extinguishing - used for air ventilation (4"-8" ID)



NL6110 TD-HS Self-Extinguishing 2-Ply Polyester w/External Wear Strip - used for pneumatic blower of light materials, particulate removal, ducting (3"-12"ID)



NL6114 PA-EX Self-Extinguishing 2-Ply Polyester Acrylic Urethane Blend Coating - used for pneumatic blower of light materials, particulate removal, ducting (2"-24"ID)



NL6165 is an all-PTFE flexible ducting with a 304 stainless steel external helix for wear resistance against dragging. With a 6:1 compression ratio, small bend radius & maximum temperature rating of 316°C (600°F), NL6165 can be used in wide variety of applications including clean rooms, chemical plants, food plants, fume exhaust & pollution control. Its all-PTFE construction gives it excellent resistance to chemicals, ozone, UV, moisture, punctures, weathering, flexural fatigue, as well as hot and cold temperatures. NL6165 conforms to FM 4910, ASTM E84, UBC 8-1 and UL 723 fire rating standards.

Temperature Range: Continuous: -40°C (-40°F) to +316°C (600°F)

Construction: Blue All-PTFE crossfilm material w/ 304SS external wire helix.

Typical Fittings: N64BC Bridge gear clamps, this hose is typically not used with fittings.



Image shown with
N64BC Bridge
Clamp

Inside Diameter	Part #	Vacuum Rating	W.Pressure @20°C(70°F)	Bend Radius	Weight lbs/ft	♦ Stock	Std 25' Price/ft	Std Length*
3"	NL6165-300	3.8"/Hg	6.5 psi	1.8"	.42	N	\$ POR	25 ft
4	NL6165-400	2.3	4.2	2.4	.43	N	POR	25
5	NL6165-500	1.4	2.9	2.9	.50	N	POR	25
6	NL6165-600	1.0	2.2	3.5	.57	N	POR	25
7	NL6165-700	0.7	1.7	4.1	.72	N	POR	25
8	NL6165-800	0.5	1.4	4.7	.78	N	POR	25
9	NL6165-900	0.4	1.2	6.2	.94	N	POR	25
10	NL6165-1000	0.3	1.0	6.8	1.00	N	POR	25
11	NL6165-1100	0.2	0.8	7.6	1.22	N	POR	25
12	NL6165-1200	0.2	0.7	8.1	1.36	N	POR	25

*All ducting is measured when fully extended.

N150 ~ SHEET METAL DUCTING HOSE MENDERS

DCZ

These are compact, lightweight, rolled sheet metal menders (splicers or unions) that are used to repair ducting hose.

Ducting I.D.	Part #	Weight lbs/ea	♦ Stock	Std Price	Bulk Price	Bulk Pkg
3"	N150-300RS	.11	C	\$ 25.17	\$ 20.97	5
4	N150-400RS	.15	C	28.36	23.63	5
5	N150-500RS	.17	C	29.79	24.82	5
6	N150-600RS	.19	C	30.29	25.24	5
8	N150-800RS	.23	C	41.15	34.29	5
10	N150-1000RS	.26	C	43.92	36.60	5
12	N150-1200RS	.31	C	49.47	41.22	5
14	N150-1400RS	.35	C	58.02	48.35	5

*Sizes up to 36" are available.



T7 ~ DUCT TAPE

397M

This is an industrial grade, grey duct tape that can be used for general ducting repairs or to attach ducting to machinery.

Tape Width	Length	Part # (Thickness)	Weight lbs/ea	♦ Stock	Std Price	Std Pkg
2"	180 ft (55m)	T7-200x180 (7 mils)	1.16	B	\$ 15.48	24



NL6050 ~ SINGLE-PLY METAL DUCTING

DCM

NL6050 Single-Ply Metal Ducting is a popular venting hose that will retain its shape when formed and is designed for fixed installations. This ducting provides an alternative from heavier hoses and is only used for air, fumes, or exhausts in residential and commercial applications. We offer it in standard aluminum (NL6050AL) or a corrosion resistant 316 stainless steel (NL6050SS). The single-ply aluminum is not designed for gas fumes or other critical service. Both have a 3:1 compression ratio for compact storage and handling. *Refer to the Metal Hose & Specialty section of this catalogue for more information on this product.*



For more information
refer to the:
Metal Hose & Specialty Section - Pg. 175



Temperature Range: Aluminum: -51°C (-60°F) to +315°C (600°F); 316 stainless steel: -51°C (-60°F) to +815°C (1500°F)

Construction: Single-ply aluminum (NL6050AL) or 316 stainless steel (NL6050SS) ducting.

Typical Fittings/Clamps: Sheet metal fittings, duct tape.