

**Neo 300**  
Specifications  
January 2013

**Construction:** Double-ply neoprene coated black fiberglass fabric hose with an external filament fiberglass cord reinforced with a spring steel wire helix.

**Product Features:**

- \* Offers higher temperature characteristics than traditional neoprene hoses
- \* Non-kinking
- \* The narrow pitch allows for tight bending radius while maintaining a smooth airflow
- \* Not recommended for continuous flexing

**Applications:** Air, Fume.

**Temperature Range:** - 40 F to + 300 F

**Sizes I.D. (inches):** 1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6 and 8

**ID Tolerances:** -0.00 to + 0.125 Inch

**Standard Length:** 12 Feet

**Standard Colors:** Black

**End Finish:** Plain Cut (cuffs available)

**Markets:** Aerospace, A/C Ventilation, Aircraft, Automotive, Brake Ducting, Bus, Cab Ventilation, Cold Air Supply, Defroster/Heater Hose, Diesel Engine Exhaust, Flight Simulators, Industrial, Limo A/C Duct, Plastic Bag Machines, Plastics Industry, Pollution Control, Safety Equipment, Smoke Ejectors, Transmission Cooling, Welding

Rubber-Cal, Inc.  
620 West Warner Ave  
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[www.ducting.com](http://www.ducting.com)



**Neo 275**  
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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended	
				Negative Pressure (IN./HG)	Positive Pressure (PSI)
1	0.136	1	3 to 1	29	30
1.5	0.171	1.2	3.7 to 1	29	30
2	0.252	1.7	4 to 1	29	30
2.5	0.302	2	4 to 1	29	30
3	0.353	2.4	4 to 1	29	30
3.5	0.405	2.8	4 to 1	15	30
4	0.486	3	4.8 to 1	21	30
5	0.599	3.6	4.8 to 1	11	29
6	0.618	4	6 to 1	5	19

Note: Technical data based on 2 ft. straight lengths of hose 72 F.

**Disclaimer:** The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

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