

## Ducting (Section IV)

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**No. NP-2  
GENERAL PURPOSE DUCT**



Part Number	Inside Diameter	Working Pressure PSI@70°F	Max. Neg. Pressure In. Hg	Tensile Strength lbs.	Crush Resistance lbs.	Weight LB/FT
NP-2-150	1-1/2"	32	26	160	700	.16
NP-2-200	2"	30	24	200	500	.22
NP-2-250	2-1/2"	28	22	240	420	.28
NP-2-300	3"	25	20	290	390	.33
NP-2-350	3-1/2"	24	19	300	350	.42
NP-2-400	4"	23	18	310	320	.48
NP-2-500	5"	22	17	390	300	.61
NP-2-600	6"	21	16	420	290	.70
NP-2-700	7"	20	15	440	275	.92
NP-2-800	8"	19	14	450	260	1.04
NP-2-1000	10"	18	13	480	250	1.36
NP-2-1200	12"	17	11	490	240	1.85
NP-2-1400	14"	16	9	500	230	2.10
NP-2-1600	16"	15	7	510	220	2.40

This neoprene-coated polyester ducting is by far the most versatile of all the general-purpose wire reinforced ducts. The spring steel helix is completely fabric enclosed for excellent flexibility and crush resistance. Flame retardant to UL-94VO, this hose is ideal for dust collection, air movement, fume control and light material handling.

NP-2/Two-Ply: Is the most widely used product, which will work extremely well in both positive and negative pressure applications. The polyester blend/neoprene double-ply construction is the industry standard for all applications requiring air handling, dust and fume control and light material handling. Two-ply construction offers extreme flexibility and compressibility, combined with excellent crush resistance and tensile strength.

**Available Sizes:** 1-1/2" - 36" I.D.

**Temperature Range:** -65°F to 260°F

**Stock Length:** 25'

**No. VBD  
VENTILATION & BLOWER DUCT**

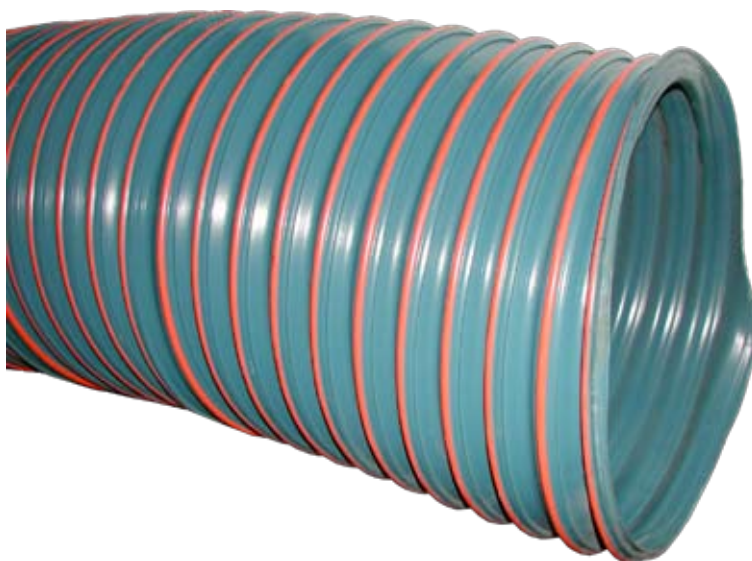


Part Number	Inside Diameter	Bend Radius	Compression Ratio	Max. Neg. Pressure In. Hg	Max. Pos. Pressure PSI
VBD-400	4"	2-1/2"	10:1	9	2
VBD-500	5"	3-1/8"	10:1	5	1.9
VBD-600	6"	3-1/2"	10:1	5	1.85
VBD-800	8"	4-3/4"	10:1	6	1.7
VBD-1000	10"	6"	10:1	3.2	1.67
VBD-1200	12"	7"	10:1	1.84	1.2
VBD-1400	14"	8-1/4"	10:1	1.2	1
VBD-1600	16"	9-1/2"	10:1	.78	.8
VBD-1800	18"	10-1/4"	10:1	.55	.5
VBD-2000	20"	11-1/2"	10:1	.4	.5
VBD-2200	22"	12"	10:1	.3	.45
VBD-2400	24"	14"	10:1	.23	.3

Single-ply polyester reinforced PVC vinyl fabric hose construction with an external wearstrip reinforced with a spring steel wire helix. Features include: highly compressible, lightweight, retractability allows for convenient storage and easy transport in a fraction of its fully extended length, low friction loss, wearstrip offers external abrasion resistance. Flame retardant to UL-94VO. Recommended for air movement applications.

**Available Sizes:** 4" - 48" I.D.  
**Temperature Range:** -20°F to 180°F  
**Stock Length:** 25'

**No. RFH-W  
THERMOPLASTIC RUBBER VENTILATION DUCT**



Part Number	Inside Diameter	Bend Radius	Compression Ratio	Max. Neg. Pressure In. Hg	Max. Pos. Pressure PSI	Weight LB/FT
RFHW-200	2"	1-1/2"	5:1	29	14	.25
RFHW-300	3"	2-1/2"	5:1	29	9.5	.40
RFHW-400	4"	3-3/16"	5.5:1	29	9	.67
RFHW-500	5"	3-7/8"	5.5:1	17	8	.85
RFHW-600	6"	4-1/4"	6.6:1	8.3	5	.82
RFHW-800	8"	5-3/4"	6.6:1	3.46	4	1.20
RFHW-1000	10"	6-7/8"	7:1	9.2	4	2.20
RFHW-1200	12"	8-3/16"	7:1	5.36	3.5	2.70
RFHW-1400	14"	9-1/2"	7:1	3	3.4	3.00
RFHW-1600	16"	11"	7:1	2.3	2.6	3.50
RFHW-1800	18"	12"	7:1	1.6	2.3	3.90
RFHW-2000	20"	13-1/2"	7:1	1.2	2.1	4.30
RFHW-2200	22"	15"	7:1	.9	1.9	4.40
RFHW-2400	24"	16"	7:1	.7	1.755	4.80

**Recommended As:** The most general purpose hose for dust control, and light bulk material handling applications suited for extreme moisture and broad chemical applications. Constructed of medium weight thermoplastic rubber wall hose construction with an external wearstrip reinforced spring steel wire helix. Designed for wide temperature ranges while maintaining flexibility with good abrasion resistance. Resistant to ozone, UV rays, weathering, oil, and chemicals. Combines excellent flexibility and compressibility with tight bending characteristics. Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics.

**Available Sizes:** 2" - 24" I.D.

**Temperature Range:** -40°F to 275°F.

**Stock Length:** 25' & 50'

**No. PET  
LAYFLAT POLYETHYLENE DUCT**



Part Number	Inside Diameter	Mil Thickness	Approx. Length/ Roll	Weight Lb./Roll
PET-1000	10"	6	350'	17
PET-1200	12"	6	350'	20
PET-1400	14"	6	350'	23
PET-1600	16"	6	350'	26
PET-2000	20"	6	350'	33

**Description:** Clear layflat polyethylene tubing/ducting. Suitable for positive ventilation air and drying. Not for use suction use.

**No. GDC  
GALVANIZED DUCT CONNECTOR**



Part Number	Inside Diameter	Standard Length
GDC-600	6"	5-1/8"
GDC-800	8"	5-1/8"
GDC-1000	10"	5-1/8"
GDC-1200	12"	5-1/8"
GDC-1400	14"	5-1/8"
GDC-1600	16"	5-1/8"

**Description:** Duct connector used to couple multiple lengths of ducting. Equal inside diameter on both ends.

**No. GDT  
GALVANIZED DUCT TEE**



Part Number	Inside Diameter	Standard Throat
GDT-400	4"	3-1/2"
GDT-600	6"	3-1/2"
GDT-800	8"	3-1/2"
GDT-1000	10"	3-1/2"
GDT-1200	12"	3-1/2"
GDT-1400	14"	3-1/2"
GDT-1600	16"	3-1/2"

**Description:** Duct tee used to couple multiple lengths of ducting. Equal inside diameter on all three ends.

## RFH-W Chemical Resistance Chart

**KEY:** A = Good; F = Fair; C = Conditional; X = Not Suitable

Fluid	Expected Resistance
Acetaldehyde	A
Acetic Acid (Glacial)	A
Acetic Ether (Ethyl Acetate)	F
Acetate (Vinyl Acetate)	F
Acetone	F
Acid, Carbolic (Phenol)	F
Acid, Dipping, 75%	A
Acid, Dipping, 95%	F
Acid, Fatty	F
Acid, Hydrochloric, 18%	A
Acid, Hydrochloric, 37%	A
Acid, Nitric, 10%	A
Acid, Nitric, 37%	F
Acid, Nitric, 70%	X
Acid, Nitric Red Fuming	X
Acid, Phosphoric, 85%	F
Acid, Spent 36% HNO <sub>3</sub> , 61% H <sub>2</sub> SO <sub>4</sub>	F
Acid, Stearic	A
Acrolein	F
Acrylate, Methyl	F
Acrylic Esters (Monomers)	F
Acrylonitrile	A
Alcohol	A
Alcohol, Furfuryl	F
Alcohol, Glycol, Glycerol	A
Alcohol, Glycyl	A
Alkyd Resins	A
Alkylamine (Ethylamine)	A
Alkylamine (Isopropylamine)	A
Styrene (Monomer)	C
Sulfuric Acid, 10%, 150°F	A
Sulfuric Acid, 50%, 100°F	A
Sulfuric Acid, 75%, 100°F	A

Fluid	Expected Resistance
Sulfuric Acid, 95%, 70°F	F
Sulfuric Acid, Fuming	X
Synthetic Resins (Powder)	A
Syrup, Corn (Non-Edible)	A
Syrup, Corn (Edible)	A
Tallal	C
Talleol	F
Tall Oil	F
Tallow (non-Edible)	F
Tallow (Edible)	F
Tar Crude	C
Tetrachloroethylene	X
Tetrachloromethane	X
Tetralin	C
Toluene	C
Trichloroethane	X
Trichloroethylene	X
Trichloromethane (Chloroform)	X
Tung Oil	F
Turpentine	C
Urea	A
Varnish	C
Vegetable Greases	F
Vegetable Oils (Non-Edible)	F
Vegetable Oils (Edible)	F
Vinegar (Edible)	A
Vinyl Acetate (Inhibited)	F
Vinyl Benzene (Styrene)	C
Vinyl Toluene	C
Water Glass	A
White Spirits (Naphtha)	C
Xylene	C