



FDA RoHS

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Ponaflex
HOSE MANUFACTURING, INC.

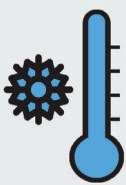
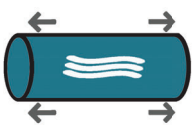
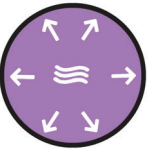
Hose Solutions for Limitless Industrial & Agricultural Applications

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PRODUCT FEATURE ICON GUIDE

FEATURE ICON	FEATURE DESCRIPTION	PRODUCT NAME	PRODUCT DESCRIPTION	PAGE	TEMPERATURE RANGE (F°)
					-40  170
	ABRASION RESISTANT Hoses with high abrasion tolerance	<i>PONAFLAT 50 MSHA</i>	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
		<i>PONAFLAT 50 MSHA</i>	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
	COLD WEATHER RESISTANT Hoses with high tolerance to cold environments	<i>PONACHEM EPDM</i>	EPDM RUBBER CHEMICAL & COLD WEATHER RESISTANT SUCTION	5	-40  150
		<i>PONATUNDRA</i>	FOOD GRADE COLD WEATHER SUCTION	9	-40  150
	ELONGATION RESISTANT Hoses with high elongation resistance	<i>PONAFLAT 10</i>	PREMIUM DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
		<i>PONAFLAT 50 MSHA</i>	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
	EMBEDDED GROUNDING WIRE Hoses with static dissipation ability	<i>PONACUPRIC SPIRAL</i>	FOOD GRADE CLEAR CORRUGATED ANTI-STATIC SUCTION	6	-4  150
	EXPANSION RESISTANT Hoses with high expansion resistance	<i>PONAFLAT 10</i>	PREMIUM DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
		<i>PONAFLAT 50 MSHA</i>	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
	FLAME RESISTANT Hoses with high fire/flame tolerance	<i>PONAFLAT 50 MSHA</i>	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	-5  170
		<i>PONAGUARD MSHA</i>	MSHA APPROVED PROTECTIVE CABLE GUARD	10	-4  150

 Information in this document is subject to change without prior notice.

PRODUCT FEATURE ICON GUIDE

FEATURE ICON	FEATURE DESCRIPTION	PRODUCT NAME	PRODUCT DESCRIPTION	PAGE	TEMPERATURE RANGE (F°)
 	FOOD GRADE Hoses made with non-toxic food grade materials PHTHALATE FREE Hoses made with phthalate-free materials	<i>PONA</i> BRAID	FOOD GRADE HEAVY DUTY CLEAR BRAIDED HOSE	7	
		<i>PONA</i> CUPRIC SPIRAL	FOOD GRADE CLEAR CORRUGATED ANTI-STATIC SUCTION	6	
		<i>PONA</i> BRAID WIRE	HEAVY DUTY FOOD GRADE SPIRAL STEEL WIRE & POLYESTER YARN REINFORCED HOSE	10	
		<i>PONA</i> SPIRAL	FOOD GRADE CLEAR CORRUGATED SUCTION	6	
		<i>PONA</i> SPRING	FOOD GRADE SPIRAL STEEL WIRE SUCTION	7	
		<i>PONA</i> TUNDRA	FOOD GRADE COLD WEATHER SUCTION	9	
		<i>S-FLEX</i>	FOOD GRADE HEAVY DUTY SUCTION	9	
	ROTATION RESISTANT Hoses with high rotation resistance	<i>PONA</i> FLAT 10	PREMIUM DISCHARGE & DRIP IRRIGATION LAYFLAT	4	
		<i>PONA</i> FLAT 50 MSHA	HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT	4	
	UV RESISTANT Hoses with high UV tolerance	<i>PONA</i> BRAID	FOOD GRADE HEAVY DUTY CLEAR BRAIDED HOSE	7	
		<i>PONA</i> BRAID WIRE	HEAVY DUTY FOOD GRADE SPIRAL STEEL WIRE & POLYESTER YARN REINFORCED HOSE	10	
		<i>PONA</i> SPRING	FOOD GRADE SPIRAL STEEL WIRE SUCTION	7	
		<i>UV GUARD</i>	UV RESISTANT STANDARD DUTY PVC SUCTION	10	
 CLOCKWISE HELIX (Z DIRECTION)			 COUNTER CLOCKWISE HELIX (S DIRECTION)		
			CLOCKWISE & COUNTER CLOCKWISE HELIX OPTION (Z & S DIRECTION)		

PONAFLAT 50 MSHA



COMPARABLE TO SF-50 & IRONSIDES

HEAVY DUTY DISCHARGE & DRIP IRRIGATION LAYFLAT

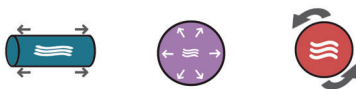
- ✓ Premium Heavy Duty PVC Layflat Water Discharge Hose
- ✓ High Working Pressure for Heavy Construction & Mining Sites
- ✓ Flame Resistant MSHA (IC-257/O) Approved

NOMINAL SPECIFICATIONS

Part Number	Nominal Size Inch	Inner Diameter Inch	Wall Thickness Inch	Working Pressure PSI@70 °F	Standard Length Ft	Approx. Weight Lbs/Ft
D03-150BRS	1 1/2	1.614	0.075	150	300	0.23
D03-200BRS	2	2.091	0.079	150	300	0.30
D03-250BRS	2 1/2	2.579	0.083	150	300	0.37
D03-300BRS	3	3.091	0.091	150	300	0.48
D03-400BRS	4	4.134	0.098	150	300	0.66
D03-600BRS	6	6.181	0.106	120	300	1.02
D03-800BRS	8	8.150	0.118	100	300	1.51

Note: Temperature Range -5 °F (-20 °C) to 170 °F (+76 °C) depending on application

PONAFLAT 10



COMPARABLE TO SF-10

PREMIUM DISCHARGE & DRIP IRRIGATION LAYFLAT

- ✓ General Purpose PVC Layflat Water Discharge Hose
- ✓ For Light Pumping, Dewatering, & Wash Down Applications
- ✓ Minimal Elongation, Expansion, & Rotation

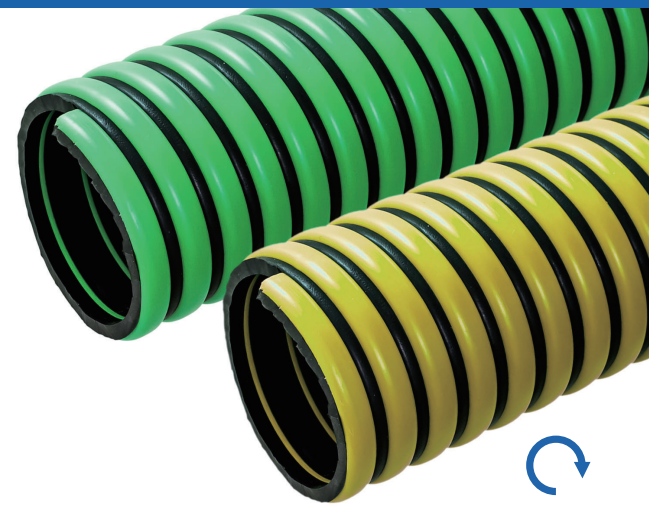
NOMINAL SPECIFICATIONS

Part Number	Nominal Size Inch	Inner Diameter Inch	Wall Thickness Inch	Working Pressure PSI@70 °F	Standard Length Ft	Approx. Weight Lbs/Ft
D01-150BLN	1 1/2	1.570	0.059	90	300	0.16
D01-200BLN	2	2.080	0.063	80	300	0.21
D01-250BLN	2 1/2	2.559	0.059	60	300	0.24
D01-300BLN	3	3.070	0.067	70	300	0.36
D01-400BLN	4	4.075	0.079	70	300	0.47
D01-500BLN	5	5.040	0.083	57	300	0.57
D01-600BLN	6	6.141	0.083	50	300	0.83
D01-800BLN	8	8.090	0.090	45	300	1.45
D01-10HBLN	10	9.929	0.091	35	100	1.68
D01-12HBLN	12	11.889	0.098	30	100	1.81

Note: Temperature Range -5 °F (-20 °C) to 170 °F (+76 °C) depending on application

EPDM RUBBER CHEMICAL & COLD WEATHER RESISTANT SUCTION

- ✓ Excellent Cold Weather Resistance & Flexibility
- ✓ External Polyethylene Helix
- ✓ High Chemical Tolerance
- ✓ Dragging Friendly External Helix With Custom Color Options By Application



COMPARABLE TO TG/TY SERIES & KANACHEM 300

NOMINAL SPECIFICATIONS

Part Number		Inner Diameter	Outer Diameter	Working Pressure	Vacuum Rating	Bend Radius	Standard Length	Approx. Weight
Green	Yellow	Inch	Inch	PSI@70°F	In. Hg@70°F	In. @70°F	Ft	Lbs/Ft
FDM-100GRC	FDM-100YEC	1	1.35	60	Full	2	100	0.26
FDM-125GRC	FDM-125YEC	1 1/4	1.65	60	Full	3	100	0.34
FDM-150GRC	FDM-150YEC	1 1/2	1.85	50	Full	3	100	0.42
FDM-200GRC	FDM-200YEC	2	2.45	50	Full	5	100	0.67
FDM-250GRC	FDM-250YEC	2 1/2	3.01	50	Full	6	100	0.94
FDM-300GRC	FDM-300YEC	3	3.55	43	Full	7	100	1.13
FDM-400GRC	FDM-400YEC	4	4.65	38	Full	12	100	1.84
FDM-600GRC	FDM-600YEC	6	6.85	25	28	20	100	3.07

Note: Temperature Range -40 °F (-40 °C) to 150 °F (+65 °C) depending on application

AQUALINER

HEAVY DUTY CLEAR BRAIDED SUCTION

- ✓ Heavy Duty With Braiding Reinforcement
- ✓ High Vacuum & Pressure Ratings While Maintaining Flexibility

NOMINAL SPECIFICATIONS

Part Number	Inner Diameter	Outer Diameter	Working Pressure	Vacuum Rating	Bend Radius	Standard Length	Approx. Weight
	Inch	Inch	PSI@70°F	In. Hg@70°F	In. @70°F	Ft	Lbs/Ft
F07-1500RN	1 1/2	1.91	110	29	2	100	0.42
F07-2000RN	2	2.50	110	29	4	100	0.60
F07-2500RN	2 1/2	3.14	100	29	5	100	0.87
F07-3000RN	3	3.64	100	29	6	100	1.08
F07-4000RN	4	4.72	110	29	7	100	1.71
F07-5000RN	5	6.04	95	29	9	100	2.82
F07-6000RN	6	7.02	90	29	10	100/20	3.88
F07-8000RN	8	9.36	85	28	16	25/20	5.58

Note: Temperature Range -4 °F (-20 °C) to 150 °F (+65 °C) depending on application



COMPARABLE TO KANALINE SR, WST SERIES & SPIRALITE 6200

PONA CUPRIC SPIRAL



COMPARABLE TO WE SERIES

FOOD GRADE CLEAR CORRUGATED STATIC WIRE SUCTION

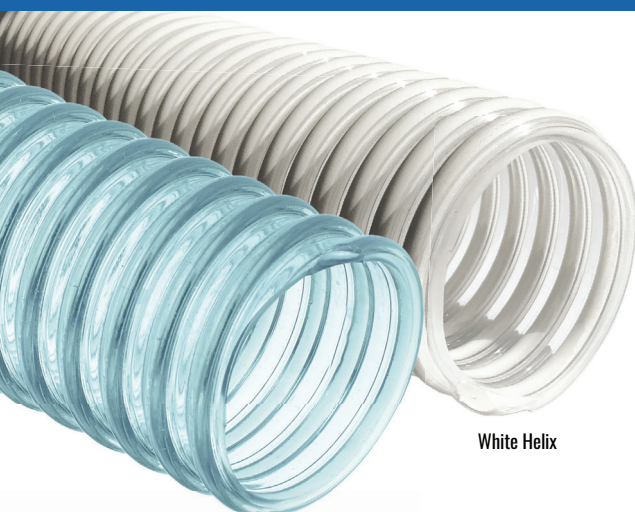
- ✓ Food Grade Anti-Static Clear Suction & Discharge Hose
- ✓ FDA & RoHS Compliant Non-Phthalate Food Grade Materials
- ✓ Static Dissipative Copper Grounding Wire

NOMINAL SPECIFICATIONS

Part Number	Inner Diameter Inch	Outer Diameter Inch	Working Pressure PSI@70 °F	Vacuum Rating In. Hg@70 °F	Bend Radius In. @70°F	Standard Length Ft	Approx. Weight Lbs/Ft
F04-125TXF	1 1/4	1.58	55	Full	3	100	0.33
F04-150TXF	1 1/2	1.88	50	Full	3	100	0.43
F04-200TXF	2	2.48	50	Full	4	100	0.58
F04-250TXF	2 1/2	3.01	45	Full	5	100	0.89
F04-300TXF	3	3.56	45	Full	6	100	1.25
F04-400TXF	4	4.68	45	Full	8	100	1.92
F04-500TXF	5	5.78	45	28	12	100/20	2.40
F04-600TXF	6	6.81	35	28	15	100/20	3.70
F04-800TXF	8	9.09	30	28	25	20	5.61

Note: Temperature Range -4°F (-20°C) to 150°F (+65°C) depending on application

PONA SPIRAL



Clear Helix



COMPARABLE TO WT/W SERIES,
200 SFG, & SPIRALITE 145/125

FOOD GRADE CLEAR CORRUGATED SUCTION

- ✓ Clear Suction & Discharge Hose for Food & Beverage Applications
- ✓ FDA & RoHS Compliant Non-Phthalate Food Grade Materials
- ✓ Smooth Interior for Low Friction Loss & Unrestricted Flow

LIQUID TRANSFER WHITE CORRUGATED SUCTION

- ✓ Non Food Grade Suction & Discharge Hose for Liquid Transfer Applications
- ✓ Fish Suction, Dredging, Dewatering, Slurry Handling, Trash & Pump
- ✓ Smooth Interior for Low Friction Loss & Unrestricted Flow

NOMINAL SPECIFICATIONS

Part Number Clear Helix (Food Grade)	Part Number White Helix (Non-Food Grade)	Inner Diameter Inch	Outer Diameter Inch	Working Pressure PSI@70 °F	Vacuum Rating In. Hg@70 °F	Bend Radius In. @70°F	Standard Length Ft	Approx. Weight Lbs/Ft
F04-100TRF	F04-100WHN	1	1.19	55	Full	2	100	0.13
F04-125TRF	F04-125WHN	1 1/4	1.48	55	Full	2	100	0.17
F04-150TRF	F04-150WHN	1 1/2	1.79	50	Full	2	100	0.26
F04-200TRF	F04-200WHN	2	2.32	50	Full	4	100	0.38
F04-250TRF	F04-250WHN	2 1/2	2.87	45	Full	7	100	0.51
F04-300TRF	F04-300WHN	3	3.44	45	Full	9	100	0.81
F04-400TRF	F04-400WHN	4	4.59	45	Full	9	100	1.30
F04-500TRF	F04-500WHN	5	5.60	45	28	16	100	1.79
F04-600TRF	F04-600WHN	6	6.61	35	28	18	100	2.55
F04-800TRF	F04-800WHN	8	8.81	35	28	28	20	4.20

Note: Temperature Range -4°F (-20°C) to 150°F (+65°C) depending on application

FOOD GRADE SPIRAL STEEL WIRE SUCTION

- ✓ Steel Wire Helix Reinforced Suction & Discharge Hose
- ✓ FDA & RoHS Compliant Non-Phthalate Food Grade Materials
- ✓ Vacuum Rating of 29.9 In. Hg @ 70°F

NOMINAL SPECIFICATIONS

Part Number	Nominal Size	Outer Diameter	Working Pressure	Bend Radius	Standard Length	Approx. Weight
	Inch	Inch	PSI@70°F	In. @70°F	Ft	Lbs/Ft
S01-038TRF	3/8	0.600	150	1 1/2	100	0.11
S01-050TRF	1/2	0.752	100	2	100	0.15
S01-063TRF	5/8	0.890	100	2 1/2	100	0.19
S01-075TRF	3/4	1.024	70	3	100	0.28
S01-100TRF	1	1.299	60	4	100	0.36
S01-125TRF	1 1/4	1.614	45	5	100	0.52
S01-150TRF	1 1/2	1.890	45	6	100	0.66
S01-200TRF	2	2.441	45	8	100	1.01
S01-250TRF	2 1/2	3.019	45	10	50	1.29
S01-300TRF	3	3.539	45	12	50	1.76

Note: Temperature Range 25 °F (-4 °C) to 150 °F (+65 °C) depending on application



NSF51

FDA

RoHS

COMPARABLE TO K7160 SERIES

PONA BRAID

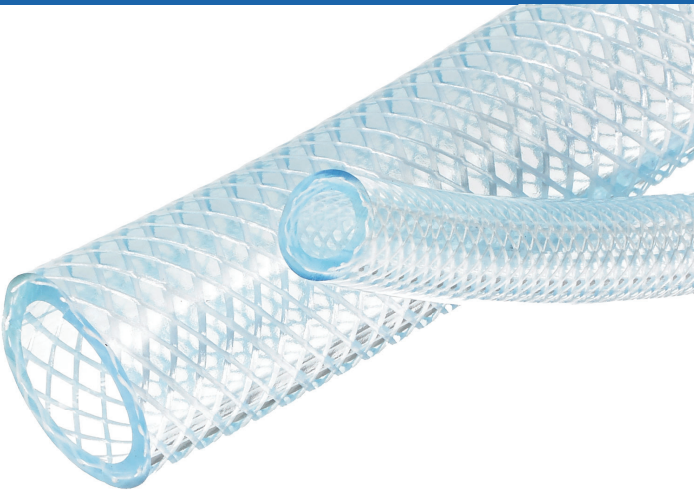
FOOD GRADE HEAVY DUTY CLEAR BRAIDED

- ✓ Clear Food Grade Braided Hose For Food & Beverage Transfer
- ✓ FDA, NSF 51 & RoHS Compliant Non-Phthalate Food Grade Materials
- ✓ Flexible, Lightweight, & Durable

NOMINAL SPECIFICATIONS

Part Number	Nominal Size	Outer Diameter	Working Pressure	Standard Length	Approx. Weight
	Inch	Inch	PSI@70°F	Ft	Lbs/Pkg
B10-019TRF	3/16	0.374	280	300	13.6
B10-025TRF	1/4	0.437	280	300	16.3
B10-031TRF	5/16	0.531	260	300	24.4
B10-038TRF	3/8	0.630	240	300	32.3
B10-050TRF	1/2	0.752	210	300	41.7
B10-063TRF	5/8	0.866	190	300	54.4
B10-075TRF	3/4	1.024	160	300	65.3
B10-100TRF	1	1.299	140	300	96.3
B10-125TRF	1 1/4	1.614	100	100	44.8
B10-150TRF	1 1/2	1.890	70	100	58.9
B10-200TRF	2	2.441	70	100	91.2

Note: Temperature Range 25 °F (-4 °C) to 150 °F (+65 °C) depending on application



FDA

RoHS

COMPARABLE TO K3150 SERIES

PONA SPRAY 600



COMPARABLE TO K4131 SERIES
& SPIRALITE 310

600 PSI ECONOMICAL GENERAL PURPOSE SPRAY HOSE

- ✓ Agricultural, Pest Control, Lawn, Nursery & Vineyard Applications
- ✓ Economical, Lightweight, Flexible, Smooth Interior For Low Frictions Loss
- ✓ Reinforced by Hight Tenacity Polyester Yarn Braid

NOMINAL SPECIFICATIONS

Part Number	Nominal Size Inch	Outer Diameter Inch	Working Pressure PSI@70°F	Standard Length Ft	Approx. Weight Lbs/Pkg
B06-025YEN	1/4	0.492	700	300	23.2
B06-038YEN	3/8	0.630	700	300/400	32.3/43.0
B06-050YEN	1/2	0.787	620	300/400	47.4/63.2
B06-063YEN	5/8	0.945	570	300	68.5
B06-075YEN	3/4	1.102	570	300	82.7

Note: Temperature Range 25 °F (-4 °C) to 150 °F (+65 °C) depending on application

E-FLEX



Green

Clear

COMPARABLE TO 112 AG/112 CL

ECONOMICAL GENERAL PURPOSE SUCTION

- ✓ Economical, Light Weight, Flexible & Durable
- ✓ Agricultural, Construction, Industrial & Pumping Scenarios
- ✓ High Pressure General Material Handling

NOMINAL SPECIFICATIONS

Part Number		Inner Diameter	Outer Diameter	Working Pressure	Vacuum Rating	Bend Radius	Standard Length	Approx. Weight
Green	Clear	Inch	Inch	PSI@70°F	In. Hg@70°F	In. @70°F	Ft	Lbs/Ft
FE2-075GRN	FE5-075WHN	3/4	0.97	95	29	2	100	0.13
FE2-100GRN	FE5-100WHN	1	1.19	70	29	3	100	0.18
FE2-125GRN	FE5-125WHN	1 1/4	1.46	70	29	3	100	0.24
FE2-150GRN	FE5-150WHN	1 1/2	1.74	65	28	4	100	0.32
FE2-200GRN	FE5-200WHN	2	2.30	65	28	6	100	0.55
FE2-250GRN	FE5-250WHN	2 1/2	2.84	60	28	7	100	0.77
FE2-300GRN	FE5-300WHN	3	3.35	60	28	9	100	0.97
FE2-400GRN	FE5-400WHN	4	4.43	55	28	13	100	1.61
FE2-500GRN	FE5-500WHN	5	5.43	55	28	20	100	2.11
FE2-600GRN	FE5-600WHN	6	6.54	55	28	28	100/20	2.92
FE2-800GRN	FE5-800WHN	8	8.74	28	28	33	25/20	4.92

Note: Temperature Range -4 °F (-20 °C) to 150 °F (+65 °C) depending on application

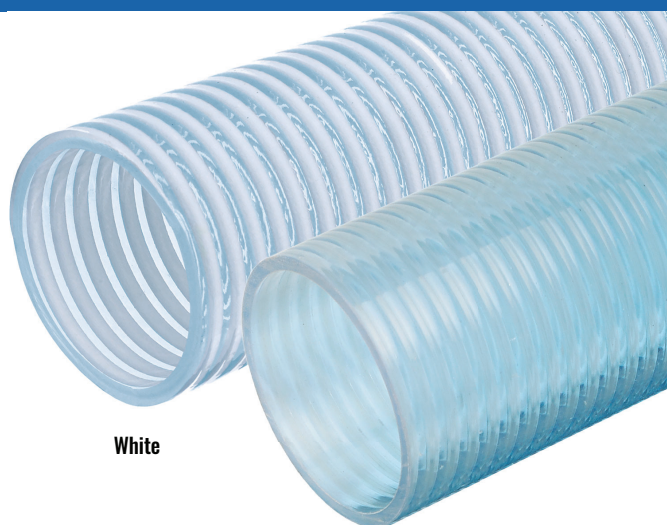
FOOD GRADE HEAVY DUTY SUCTION

- ✓ Heavy Duty Food & Beverage Transfer
- ✓ FDA & RoHS Compliant Non-Phthalate Food Grade Materials
- ✓ Flexible, Lightweight & Durable

NOMINAL SPECIFICATIONS

Part Number		Inner Diameter	Outer Diameter	Working Pressure	Vacuum Rating	Bend Radius	Standard Length	Approx. Weight
Clear	White	Inch	Inch	PSI@70°F	In. Hg@70°F	In. @70°F	Ft	Lbs/Ft
FS5-075TRF	FS5-075WHF	3/4	0.97	98	29	2	100	0.13
FS5-100TRF	FS5-100WHF	1	1.20	78	29	3	100	0.19
FS5-125TRF	FS5-125WHF	1 1/4	1.48	78	29	4	100	0.28
FS5-150TRF	FS5-150WHF	1 1/2	1.77	70	29	5	100	0.37
FS5-200TRF	FS5-200WHF	2	2.32	70	29	6	100	0.62
FS5-250TRF	FS5-250WHF	2 1/2	2.85	70	29	8	100	0.85
FS5-300TRF	FS5-300WHF	3	3.37	65	29	9	100	1.04
FS5-400TRF	FS5-400WHF	4	4.45	57	29	14	100	1.76
FS5-500TRF	FS5-500WHF	5	5.47	57	28	20	100	2.33
FS5-600TRF	FS5-600WHF	6	6.57	57	28	28	100/20	3.28
FS5-800TRF	FS5-800WHF	8	8.76	28	28	35	25/20	5.20
FS5-10HTRF	FS5-10HWHF	10	10.91	23	28	38	25/20	7.96
FS5-12HTRF	FS5-12HWHF	12	13.01	17	26	59	25/20	10.58

Note: Temperature Range -4°F (-20°C) to 150°F (+65°C) depending on application



White

Clear



COMPARABLE TO MILK/FT
SERIES & SPIRALITE 170/175

PONA TUNDRA

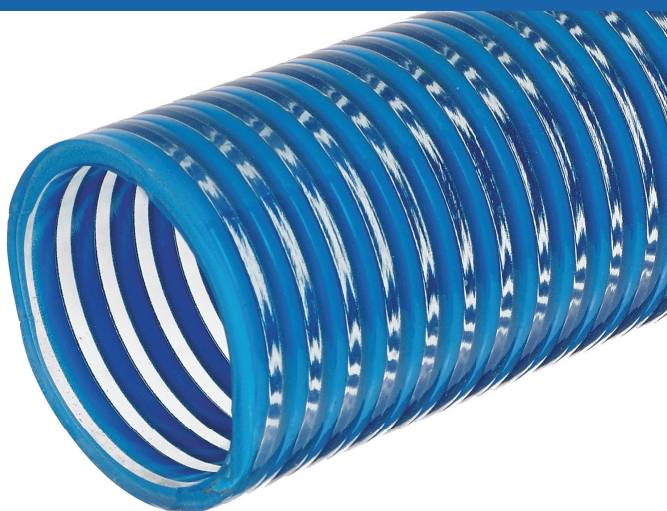
FOOD GRADE COLD WEATHER SUCTION

- ✓ Excellent Cold Weather Resistance & Flexibility
- ✓ Designed for Extreme Cold Environments
- ✓ FDA & RoHS Compliant Non-Phthalate Food Grade Materials

NOMINAL SPECIFICATIONS

Part Number		Inner Diameter	Outer Diameter	Working Pressure	Vacuum Rating	Bend Radius	Standard Length	Approx. Weight
		Inch	Inch	PSI@70°F	Hg@70°F	In. @70°F	Ft	Lbs/Ft
FS5-075BLC		3/4	0.97	115	Full	3	100	0.13
FS5-100BLC		1	1.20	100	Full	3	100	0.19
FS5-125BLC		1 1/4	1.48	100	Full	4	100	0.28
FS5-150BLC		1 1/2	1.77	90	Full	5	100	0.37
FS5-200BLC		2	2.32	90	Full	7	100	0.62
FS5-250BLC		2 1/2	2.85	75	Full	8	100	0.85
FS5-300BLC		3	3.37	70	Full	10	100	1.04
FS5-400BLC		4	4.45	60	Full	15	100	1.76
FS5-500BLC		5	5.47	45	28	25	100	2.33
FS5-600BLC		6	6.57	40	28	30	100	3.28

Note: Temperature Range -40°F (-40°C) to 150°F (+65°C) depending on application



COMPARABLE TO BW SERIES

PONA BRAID WIRE

SPECIALTY ITEM

HEAVY DUTY FOOD GRADE SPIRAL STEEL WIRE & POLYESTER YARN REINFORCED HOSE

- ✓ Heavy Duty Suction & Discharge Hose for Food and Beverage Applications
- ✓ Spiral Steel Wire & Yarn Reinforcement for High Vacuum & Pressure Rating
- ✓ Non-Phthalate Based Food Grade Materials in Compliance with FDA & RoHS Requirements



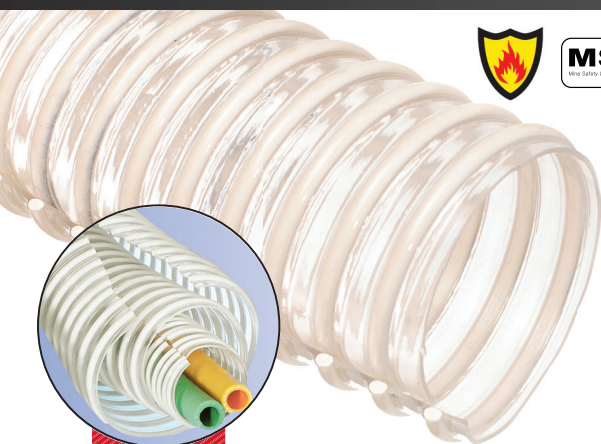
NOMINAL SPECIFICATIONS

Part Number	Nominal Size Inch	Outer Diameter Inch	Working Pressure PSI@70°F	Bend Radius In. @70°F	Standard Length Ft	Approx. Weight Lbs/Ft
S05-075TRF	3/4	1.204	225	2.5	100	0.40
S05-100TRF	1	1.460	225	3.5	100	0.49

Note: Temperature Range 25 °F (-4 °C) to 150 °F (+65 °C) depending on application

PONA GUARD MSHA

SPECIALTY ITEM



MSHA APPROVED CABLE GUARD

- ✓ Flame Resistant **MSHA (IC-257/1)** Approved
- ✓ Used as a Protective Cover for Underground Cables & Hoses
- ✓ Pre-Slit for Easy Cable & Hose Insertion

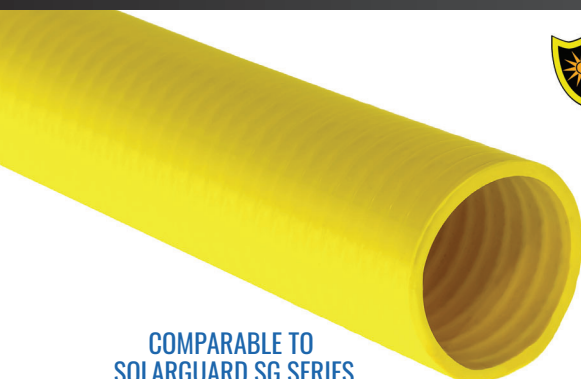
NOMINAL SPECIFICATIONS

Part Number	Inner Diameter Inch	Outer Diameter Inch	Standard Length Ft	Approx. Weight Lbs/Ft
PCG-100WHS	1	1.20	100	0.11
PCG-125WHS	1 1/4	1.48	100	0.13
PCG-150WHS	1 1/2	1.76	100	0.20
PCG-200WHS	2	2.30	100	0.28
PCG-250WHS	2 1/2	2.86	100	0.38
PCG-300WHS	3	3.40	100	0.45
PCG-350WHS	3 1/2	3.83	100	0.51
PCG-400WHS	4	4.49	100	0.64

Note: Temperature Range -4 °F (-20 °C) to 150 °F (+65 °C) depending on application

UV GUARD

SPECIALTY ITEM



UV RESISTANT STANDARD DUTY PVC SUCTION

- ✓ For Applications Demanding High UV Resistance
- ✓ Prolonged Life Cycle Compared to Normal PVC Suction
- ✓ Smooth Bore & Surface

NOMINAL SPECIFICATIONS

Part Number	Inner Diameter Inch	Outer Diameter Inch	Working Pressure PSI@70°F	Vacuum Rating In. Hg@70°F	Bend Radius In. @70°F	Standard Length Ft	Approx. Weight Lbs/Ft
FV2-150YEU	1 1/2	1.74	65	28	5	100	0.33
FV2-200YEU	2	2.30	65	28	6	100	0.55
FV2-300YEU	3	3.35	55	26	8	100	0.97
FV2-400YEU	4	4.43	55	26	15	100	1.61
FV2-600YEU	6	6.55	40	26	30	100	2.95

Note: Temperature Range -4 °F (-20 °C) to 150 °F (+65 °C) depending on application

COMPARABLE TO
SOLARGUARD SG SERIES

Available Upon Request With MOQ

CHEMICAL RESISTANCE

A-SATISFACTORY

B-DEPENDS ON APPLICATION

C-UNSATISFACTORY

D-UNSERVICEABLE

CHEMICAL NAME CONCENTRATION	PVC HOSES INTERIOR	CHEMICAL NAME CONCENTRATION	PVC HOSES INTERIOR	CHEMICAL NAME CONCENTRATION	PVC HOSES INTERIOR	CHEMICAL NAME CONCENTRATION	PVC HOSES INTERIOR
Acetaldehyde	C	Cellosolve, Acetate	D	Ethyl silicate	D	Potassium cyanide	A
Acetamide	C	Cellosolve, Butyl	D	Fatty acid	A	Potassium dishtomate [10%]	A
Acetic acid [10%]	A	China wood (Tung)	B	Ferric sulfate	A	Potassium permanganate [5%]	A
Acetic acid [50%]	B	Chlorine gas (Dry)	C	Fluorboric acid	A	Potassium sulfate	A
Acetic acid [100%]	C	Chlorine gas (Wet)	C	Fluorobenzene	D	Propane	A
Acetic anhydride	C	Chlorine liquid	D	Formaldehyde [40%]	B	Propyl acetate	D
Acetone	C	Chlorinated solvents	D	Formic acid [25%]	C	Propyl alcohol	A
Acetylene	A	Chloroacetic acid	C	Formic acid [50%]	B	Propylene	C
Acrylonitrile	D	Chloroacetone	D	Formic acid [90%]	C	Pyridine	D
Aluminum chloride	B	Chloroform	D	Fuel oil	D	Pyrrole	D
Aluminum fluoride	B	(o-) Chloronaphthalene	D	Furan, Furfuran	C	Salicylic acid	A
Ammonia (Anhydrous)	B	Chlorosulfonic acid	D	Furfural	D	Salt water	A
Ammonia gas (Wet)	C	Chlorotoluene	D	Gasoline	C	Sillicate esters	B
Ammonia gas (Dry)	D	Chromic acid [2%]	A	Gelatin	A	Silicone greases	A
Ammonia liquid	B	Chromic acid [5%]	B	Glauber's salt	A	Silicone oils	A
Ammonium hydroxide (Ammonia water)	B	Chromic acid [10%]	B	Glycerin	A	Sodium cyanide	A
Ammonium nitrite	B	Chromic acid [25%]	B	Grease	D	Sodium hydroxide [10%]	A
Ammonium persulfate	B	Corn oil	C	(n-) Hexaldehyde	D	Sodium hydroxide [30%]	B
Ammonium phosphate	B	Cottonseed oil	C	Hexane	C	Sodium hypochlorite [5%]	A
Amyl acetate	D	Creosote oil	C	Hexyl alcohol	C	Sodium metaphosphate	A
Amyl alcohol	C	Cresol	C	Hydrobromic acid [10%]	A	Sodium phosphate	A
Aniline	D	Cyclohexane	C	Hydrobromic acid [20%]	B	Sodium thiosulfate	A
Aniline dyes	A	Cyclohexanol	D	Hydrobromic acid [38%]	B	Sodium sulfate	B
Animal oil (Lard oil)	C	Cyclohexanone	C	Hydrochloric acid [10%]	B	Soybean oil	C
Aqua regia	D	Developing solutions (Hypos)	A	Hydrochloric acid [20%]	B	Stannic chloride	B
Arsenic acid	B	Dibenzyl ether	D	Hydrochloric acid [38%]	C	Steam [150 °C]	D
Asphalt	A	Dibutyl ether	D	Hydrochloric acid [80%]	C	Stearic acid	B
ASTM oil [No. 1]	C	Dibutyl phthalate (DBP)	D	Hydrocyanic acid	B	Styrene	D
ASTM oil [No. 2]	C	Dichlorobenzene	D	Hydrofluoric acid [10%]	A	Sucrose solutions	A
ASTM oil [No. 3]	C	Diethylene glycol	A	Hydrofluoric acid [20%]	B	Sulfur	B
Barium sulfate	A	Diethyl ether	C	Hydrofluoric acid [40%]	C	Sulfur chloride	A
Barium sulfide	B	Diethyl sebacate (DES)	D	Hydrofluoric acid anhydrous	C	Sulfur dioxide	A
Benzaldehyde	D	Diisopropyl ketone	D	Hydrogen	A	Sulfuric acid [10%]	A
Benzene (Benzol)	C	Dimethyl aniline	D	Hydrogen peroxide [5%]	A	Sulfuric acid [30%]	B
Benzine	B	Dimethylformamide	C	Hydrogen peroxide [30%]	A	Sulfuric acid [98%]	C
Benzyl alcohol	C	Diethyl phthalate (DOP)	C	Hydrogen sulfide	B	Sulfuric acid (Fuming)	C
Benzyl benzoate	B	Dioctyl sebacate (DOS)	D	Hydroquinone	B	Sulfurous acid [10%]	A
Benzyl chloride	D	Dioxane	D	Hypochlorous acid	B	Tannic acid	B
Bromine	C	Diphenyl oxide	D	Isobutyl alcohol	D	Tar	D
Butane	B	Epichlorohydrin	D	Isooctane	C	Tartaric acid	B
Butyl acetate	D	Ethanolamine	D	Isopropyl acetate	D	Tetrachloroethane	C
Butyl acrylate	D	Ethyl acetate	C	Isopropyl alcohol	B	Tetraethyl lead	C
Butyl alcohol (Butanol)	D	Ethyl acetoacetate	C	Perchloric acid	A	Tetrahydrofuran	C
Butyl stearate	B	Ethyl acrylate	D	Perchloroethylene	D	Tetralin	D
Calcium acetate	A	Ethyl alcohol	B	Petroleum	C	Thionyl chloride	D
Calcium hydroxide	A	Ethyl benzene	D	Phenyl hydrazine	D	Toluene	C
Calcium hypochlorite [20%]	A	Ethyl cellulose	D	Phenol	D	Tributyl phosphate (TBP)	D
Calcium sulfate	A	Ethyl chloride	D	Phosphoric acid [50%]	A	Trichloroethylene (Trichlene)	C
Carbitol	D	Ethylene chlorohydrin	D	Phosphoric acid [75%]	B	Tricresyl phosphate (TCP)	D
Carbon disulfide	C	Ethylenediamine	D	Pickling solution	B	Triethanol amine	C
Carbonic acid	A	Ethylene dichloride	C	Pickling solution [Sulfuric acid 40% + acid 15%]	B	Turpentine oil	B
Carbon tetrachloride	C	Ethylene glycol	A	Picric acid	D	Vegetable oil	C
Castor oil	C	Ethylene oxide	D	Pinene	D	Vinegar	B
Cellosolve	D	Ethyl mercaptan	D	Pine oil	D	Xylene	C
		Ethyl oxalate	D				

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Warranty Policy

■ CAUTIONARY STATEMENT & LIABILITY DISCLAIMER

All products sold or distributed by the Ponaflex Hose Manufacturing, Inc. (Seller) are in nature of commodities. The Seller does NOT recommend products for any particular purposes or applications. The buyers and/or end users are fully responsible for the suitability, use and application, installation, and maintenance of the products. The buyers and/or end users should regularly and consistently inspect the products and undertake protective measures for potential hazardous situations, which, if not avoided, may result in injuries and property damages. The information and specifications furnished in catalog are only a guide to the products. The temperature ranges and product specifications, including but not limited to, working pressures and vacuum ratings are measured in a controlled environment and may vary depending on installed location's environment. The working pressure decreases as temperature increases. The pressure rating and vacuum rating can only be obtained with proper coupling procedures and affected by the type of fittings. The seller is not responsible for the suitability of the buyers and/or end user's fitting or coupling methods. The seller reserves the right to alter specifications without prior notice.

■ LIMITED WARRANTY

Ponaflex Hose Manufacturing, Inc. (Seller) warrants its products to be free from defects in materials and workmanship. All warranty claims shall be made within two (2) months after Seller shipped the products. No warranty of merchantability is expressed or implied. There are no warranties which extend beyond the description on the face hereof. Seller is NOT liable for consequences of other damages, or for any expenses incurred through the use of its products. The Seller shall NOT be liable for failure of damage due to misapplication, abuse, improper installation, tempered with, altered, modified, repaired, reworked by anyone NOT endorsed by the Seller, or abnormal conditions of use, temperature, or inconsistent with terms of the Cautionary Statement. However, should the products prove to be so defective as to preclude the remedying of warranted defects by replacement, the Buyer's sole and exclusive remedy shall be the refund of the purchase price of the defective products involved upon the return of the products to the Seller. This limited warranty is enforced only by the first Buyer; all subsequent buyers acquire the product "as is" without any benefit of this limited warranty.

■ BUYER'S RESPONSIBILITY TO ENFORCE WARRANTY

The Buyer must notify the Seller and request return authorization. The Seller will instruct the Buyer to send a sample section of defective Product, which must be sent at the Buyer's expenses with the original bill of sale. Please do not return the Product to the Seller without prior authorization.

■ EXCLUSIONS

This limited warranty covers all defects in material and workmanship in the Product, EXCEPT:

1. Damage resulting from accident, misuse, abuse, neglect or from other than normal and ordinary use of the Product.
2. Damage resulting from failure to clean or use the Product in accordance with the Seller's instructions.
3. Damage resulting from repair or attempted repair by anyone other than the Seller or an authorized repair facility.