

VINCON[®] FLEXIBLE PVC TUBING

FORMULATION C-219-A

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Property	ASTM Method	Value or Rating
Durometer Hardness (Shore A), 15s	D2240-02	67
Tensile Strength, psi (MPa)	D412-98	2,450 (16.9)
Ultimate Elongation, %	D412-98	400
Tear Resistance, lb-f/inch (kN/m)	D1004-94	180 (31.5)
Compression Set		
Constant Deflection, % @158°F (70°C) for 22 hours	D395-01 Method B	65
Brittle Temperature, °F (°C)	D746-98	-45 (-43)
Specific Gravity	D792-00	1.21
Water Absorption, %	D570-98	0.12
Maximum Recommended Operating Temperature, °F (°C)	-	165 (74)
Color	-	Clear

Unless otherwise noted, all tests were conducted at room temperature (73°F). Values shown were determined on 0.075" thick extruded strip or 0.075" thick molded

INVENTORIED SIZES

SGPPL Part Number	I.D. (inches)	O.D. (inches)	Wall (inches)	Length (feet)
ABH02002	1/16	1/8	1/32	100
ABH02007	1/8	1/4	1/16	100
ABH02012	3/16	5/16	1/16	100
ABH02013	3/16	3/8	3/32	100
ABH02014	3/16	7/16	1/8	100
ABH02017	1/4	3/8	1/16	100
ABH02018	1/4	7/16	3/32	100
ABH02019	1/4	1/2	1/8	100
ABH02022	5/16	7/16	1/16	100
ABH02023	5/16	1/2	3/32	100
ABH02027	3/8	1/2	1/16	100
ABH02028	3/8	9/16	3/32	100
ABH02029	3/8	5/8	1/8	100
ABH02032	7/16	9/16	1/16	100
ABH02033	7/16	5/8	3/32	100
ABH02036	1/2	5/8	1/16	100
ABH02037	1/2	11/16	3/32	100
ABH02038	1/2	3/4	1/8	100
ABH02039	1/2	13/16	5/32	100
ABH02041	9/16	3/4	3/32	100
ABH02045	5/8	13/16	3/32	100

SGPPL Part Number	I.D. (inches)	O.D. (inches)	Wall (inches)	Length (feet)
ABH02046	5/8	7/8	1/8	100
ABH02053	3/4	1	1/8	100
ABH02054	3/4	1-1/16	5/32	100
ABH02055	3/4	1-1/8	3/16	100
ABH02057	3/4	1-1/4	1/4	100
ABH02059	7/8	1-1/8	1/8	100
ABH00062	1	1-1/4	1/8	50
ABH00064	1	1-3/8	3/16	50
ABH00065	1	1-1/2	1/4	50
ABH00070	1-1/4	1-5/8	3/16	50
ABH00071	1-1/4	1-3/4	1/4	50
ABH00073	1-1/2	1-7/8	3/16	50
ABH00074	1-1/2	2	1/4	50
ABH00076	1-3/4	2-1/4	1/4	50
ABH00078	2	2-1/2	1/4	50
ABH00082	2-1/2	3	1/4	50
ABH00085	3	3-1/2	1/4	50
ABH05077	2	2-3/8	3/16	20
ABH05078	2	2-1/2	1/4	20
ABH05082	2-1/2	3	1/4	20
ABH05085	3	3-1/2	1/4	20



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

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