

# ANTIMICROBIAL PVC

Tubing

## Clearflo® Ag-47 Clear Antimicrobial PVC Tubing

CLEARFLO Ag-47 is suitable for a wide variety of food contact applications and designed to protect your food or beverage product from harmful bacteria. It's manufactured from a clear flexible Shore A74 PVC compound with the addition of antimicrobial protection. The antimicrobial technology is especially effective where there is infrequent use of fluids in warm conditions.

The antimicrobial properties of the tubing are designed to prevent the growth of organisms that can occur when using unprotected product, such as growth-based discoloration and odors. Testing has proven that the active ingredients are effective at neutralizing many common organisms rapidly and, under normal conditions, would be expected to offer this protection for extended periods of use. CLEARFLO Ag-47 offers antibacterial performance to ISO 22196:2011.

Unlike some products CLEARFLO Ag-47 is 100% protected with the effective additive Silver-Magnesium-Aluminum-Phosphorus Complex. This is present throughout the tube and not only on the interior, offering you protection on all surfaces. The active ingredients in CLEARFLO Ag-47 will have no detrimental effect on yeasts used for brewing and will have no negative impact on the taste or flavor of products passed through it.



### Features & Benefits

- Contains silver ion antimicrobial technology to guard against bacteria such as E. coli, listeria, salmonella, legionella, MRSA, campylobacter and pseudomonas
- Made from non-toxic ingredients conforming to FDA standards
- Non-phthalate & free of latex & animal-derived ingredients
- Listed by the National Sanitation Foundation (NSF-51) for food equipment materials
- Silver ion ingredient is throughout the tubing, not only on the interior as with similar products
- Well suited for food and beverage applications including non-fatty aqueous, milk and alcoholic beverages (below 20% ABV)
- Transparent for visual flow contact
- Heat sealable
- REACH & RoHS compliant

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Part No.	ID (in.)	OD (in.)	Wall (in.)	Working PSI at 70° F	Burst PSI at 70° F	Lbs. Per 100 ft.
PVCA1190035	3/16	5/16	1/16	126	379	2.59
PVCA1190049	3/16	7/16	1/8	180	540	6.48
PVCA1190112	1/4	3/8	1/16	100	301	3.25
PVCA1190126	1/4	1/2	1/8	161	482	7.79
PVCA1190189	5/16	7/16	1/16	83	248	3.89
PVCA1190203	5/16	9/16	1/8	121	364	9.08
PVCA1190266	3/8	1/2	1/16	74	223	4.55
PVCA1190280	3/8	5/8	1/8	108	324	10.38
PVCA1190343	1/2	5/8	1/16	51	154	5.85
PVCA1190357	1/2	3/4	1/8	83	249	12.98

Standard coil length is 100 feet. Sold by standard coil length only.

## Physical Properties

- Hardness: Shore A 74 ±5
- Operating Temperature Range: -40°F to 125°F
- Operating Temperature Range: -40°C to 52°C
- Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

## Recommended Fittings & Clamps

- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

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MAR-PVCA-Tubing-DS-01

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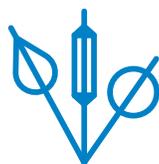
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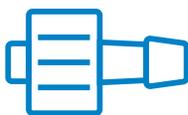
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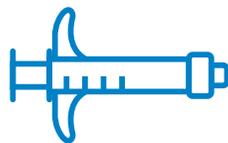
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