

ANKA® Fittings for Municipal Water Systems

Durable, corrosion-resistant fittings designed for modern municipal infrastructure.

ANKA fittings deliver a reliable, cost-effective, high-pressure insert-compression connection that supports distribution lines, service lines, and meter set assemblies. Made from glass-reinforced nylon they provide the strength municipal systems require without the corrosion challenges associated with metal fittings.

Why Municipal Pros Choose ANKA

- ✓ Non-Corrosive
- ✓ One-piece fitting
- ✓ ½" – 1 ¼" sizes available
- ✓ Easy, consistent installation
- ✓ Leak-free performance
- ✓ Glass Reinforced Nylon - Durable & Reliable
- ✓ NSF 61 approved for Potable Water
- ✓ UV stabilized
- ✓ 250 psi maximum working pressure
- ✓ Direct Burial or Above Ground installation
- ✓ Prevents ground water leaching & contamination
- ✓ Reduce service-line pressure drop and increase flow

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WATTS®

ANKA Fittings in Municipal Service Line Construction

ANKA fittings replace traditional metal compression and fusion style fittings used in municipal systems, providing a non-corrosive, long-term solution for service line connections. Their high-strength resin body resists chemical attack, soil-related corrosion, and deterioration. Prevention of ground water contamination or leaching.

Where ANKA Fits in the Municipal Application

- Service line transition from HDPE SDR pipe
- Meter pit installations with dual checks
- Corrosion-prone or MIC-prone soil environments
- Connections feeding residential and commercial meters
- Areas where brass or PVC fittings have historically failed

Part of a Full Watts Municipal Connection Package

Use ANKA fittings as the corrosion-proof connection point between:

- **Service line** (HDPE SDR pipe intended for use on SDR rated service lines 7, 9, 11.5 up to 250 PSI in accordance with ASTM 2609)
- **Water meter** (leak free connection point)
- **Dual check device** (Watts LF7R / L7R)



- 1** Cut & clean pipe, then slide nut away from pipe stop.



- 2** Push pipe over the barbed fitting tail until it touches the pipe stop.



- 3** Hand tighten the Easy Grip nut, then moderately tighten with a wrench.

Simply push the pipe over the barbs up to the "stop", tighten the **BLUE NUT** by hand, then tighten 1-2 turns with a wrench.

Once the pipe is pushed over the sealing barbs, a ridge is created allowing the **BLUE NUT** to be tightened



The captive **BLUE NUT** stays on the fitting

Note: Installation on HDPE pipe at low ambient temperatures may require increased insertion force due to pipe stiffness. Contractors should account for jobsite ambient conditions and take appropriate measures.

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