

CITY OF LOS ANGELES  
CALIFORNIA

BOARD OF  
BUILDING AND SAFETY  
COMMISSIONERS

VAN AMBATIELOS  
PRESIDENT

JAVIER NUNEZ  
VICE PRESIDENT

JOSELYN GEAGA-ROSENTHAL  
GEORGE HOVAGUIMIAN  
ELVIN W. MOON



ERIC GARCETTI  
MAYOR

DEPARTMENT OF  
BUILDING AND SAFETY  
201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

OSAMA YOUNAN, P.E.  
GENERAL MANAGER  
SUPERINTENDENT OF BUILDING

JOHN WEIGHT  
EXECUTIVE OFFICER

Nikhil Koganti  
Performance Pipe  
5085 W. Park Blvd. # 500  
Plano, TX 75093

RESEARCH REPORT: RR 5718  
EFFECTIVE DATE: 05/01/2020  
EXPIRATION DATE: 05/01/2021  
Telephone: 972-599-7309

**GENERAL APPROVAL - Renewal - "Driscoplex 4100" Polyethylene (PE) Tubing and Fittings, manufactured by Performance Pipe.**

### DETAILS

These products are polyethylene (PE) pipe and fittings intended for use in building sewer systems. Pipes and fittings are available in sizes 2" through 54". Pipes up to and including 3" are listed in accordance with ASTM D3035. Pipes 4" and larger are listed in accordance with ASTM F714. These pipes are identified as solid black in color with optional green stripes for wastewater.

The approval is subject to the following conditions:

1. These products may be used in underground applications for building sewers per Chapter 7 of the Los Angeles Plumbing Code (LAPC), 2020 Edition.
2. These products shall be installed underground and outside the building footprint only. These pipes shall be installed in accordance with the manufacturer's instructions, this research report and the LAPC, 2020 Edition.
3. Trenchless installation of the pipe shall be performed as follows:

An accurate and complete video inspection shall be performed BEFORE and AFTER the installation in order to determine locations and depths of all "wye" connections, tees and access holes. The video inspection must be witnessed by the Department's plumbing inspector(s).

Mark detail information revealed by the video inspection including:

- a. The ground surface to show the location of the lateral tie of the city wye.
  - b. The line location with an arrow in the street pointing back at the lateral.
  - c. The property denoting the lateral location.
  - d. The locations of the proposed excavations.
4. These products shall not be used in residential or commercial rainwater or subsurface piping systems.

Performance Pipe  
RE: PE Tube and Fittings

5. Slope of drainage systems shall be in accordance with Section 94.708.0 of the LAPC, 2020 Edition.
6. The sizing of the system shall be in accordance with the manufacturer's recommendations and the LAPC, 2020 Edition.
7. These products shall be installed in accordance with the manufacturer's recommendations using butt fusion, saddle fusion or flanges that are restrained.
8. Mechanical plans shall be drawn and submitted for approval to Mechanical Plan Check Section for systems discharging 217 or more drainage fixtures units. A plumbing permit shall be obtained for each installation of these products.
9. Pipe shall be legibly and permanently marked at regular intervals not to exceed 5 (five) feet as follows:
  - a. Manufacturer's name or trademark and production code
  - b. Third party certification mark
  - c. "ASTM D3035" or "ASTM F714"
  - d. Material designation code
  - e. Temperature and pressure ratings
  - f. Nominal pipe size
  - g. Standard dimension ratio
  - h. Production code.

## DISCUSSION

Mechanical Testing Laboratory reviewed recent test reports and current listing certificates. These products have been tested in compliance with NSF 14 and either ASTM D3035 or ASTM F714 and are currently listed by NSF International. The products are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

Approval is granted under Sections 94.301.0, 94.312.0, 94.315.0, 94.701.0, and 708.0 of the Los Angeles Plumbing Code, 2020 Edition.

Approved by:



Irene Pool  
Mechanical Testing Laboratory  
Permit and Engineering Bureau