

Data Sheet

GLT Products fabricates Extruded Polystyrene (XPS) Rigid Foam Insulation for use on mechanical applications. XPS is a closed cell material used to fabricate various shapes including preformed pipe insulation 3 ft long designed to fit piping systems.

These applications include and are not limited to vessel and duct applications, cold pipe, industrial refrigeration piping, cold storage piping, chilled water, glycol and ice rinks. It provides excellent moisture resistance, low permeability and great long term R-Value making it suitable for a wide range of pipe applications from cryogenic to mild heat.

XPS is designed for both mechanical fabrication and residential/commercial construction.

Key Applications

- Pipe, valves, fittings, duct, tanks and equipment used in refrigeration, cold storage and freezer rooms especially:
- Chilled water piping
- Ammonia refrigeration lines
- Food and beverage processing lines
- Transport pipe lines
- Pharmaceutical systems
- Cryogenic systems



EXTRUDED POLYSTYRENE ADVANTAGES

- Excellent resistance to water vapor and water absorption from freeze-thaw cycles
- Specified for cryogenic to moderate temperature applications
- High compressive strength
- Low dust, non irritating, lightweight and easy to install
- Not a known food source for mold or mildew

COMPLIANCE DATA

ASTM METHOD
C518, D1621, D1622, C272, E96
D2126, C578 Type XIII

FITTING TYPES

90° Elbows

45° Elbows

Tees

Pipe Covering

Segmented

