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Part Name: Series SW D2513 Poly-Cam Sweeps
Part Number: SWxxxxxxxxAxx

Poly-Cam D2513 Sweeps

The Poly-Cam Sweep is manufactured from High Density Polyethylene (HDPE) pipe. It is designed with a butt fusion end for ease of field installation. The design allows fluid to travel through the fitting with less restriction.

Pipe meets D2513 specifications for natural gas applications. Please specify D2513 when purchasing.

Sizes range from 2" -12" Iron Pipe Size (IPS) at 22.5°, 45°, or 90°.

System Performance

The transition fitting is designed to handle the pressure rating of the HDPE pipe with a 2:1 safety factor at 73.40 degrees Fahrenheit with a minimum 50-year design life.

Quality Assurance

The transition fitting shall be manufactured by Poly-Cam, Inc. Poly-Cam, Inc. shall provide quality assurance with regards to proper installation, compatibility, performance, and acceptance.

Installation

HDPE pipe end: Install transition fitting to comply with the pipe manufacturer's recommended procedures. All field welds shall be completed per Plastic Pipe Institute's welding procedure for butt fusion.

Material

High-Density Polyethylene: HDPE pipe

- Meets ASTM D-3350 with minimum cell classification values of 345464C (PE 3408), PE445574C (PE 4710)

- Meets ASTM F714.
- Density shall be no less than 0.955 g/cm as referenced in ASTM D1505
- Melt index no greater than 0.15 g/10 minutes when tested per ASTM D 1238
- Tensile Strength at Yield -tensile shall be 3,200 psi to less than 3,500 psi as referenced in ASTM D638
- ESCR-Environmental Stress Crack Resistance shall be over 5,000 hours with zero failures when tested per ASTM D 1693-Condition C
- All pipe meets ASTM 3035.
- All certifications will be submitted upon request.
- **Pipe meets D2513 specifications for natural gas applications.**

Warranty

The warranty period is one year after the date of substantial completion of installation.

Series SW D2513 Poly-Cam Sweeps

Nominal Size (In.)	Poly-Cam Sweep Material	Sweep Diameter A	Fusion Pipe Length B	Center Line C	Radius R
2	Polyethylene PE 4710	2.375	5	14	9
3	Polyethylene PE 4710	3.5	7	17.5	10.5
4	Polyethylene PE 4710	4.5	7	20.5	13.5
6	Polyethylene PE 4710	6.625	7	24.5	17.5
8	Polyethylene PE 4710	8.625	7	44.875	25.875
10	Polyethylene PE 4710	10.75	11	43.25	32.25
12	Polyethylene PE 4710	12.75	13	64	51

Angular tolerance of +/- 4 degrees

