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Part Name: Series DCSW Poly-Cam Dual Containment Sweeps

Part Number: DCSWxxxxxxxxAxx

### **Poly-Cam Dual Containment Sweeps**

The Poly-Cam Dual Containment 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. The carrier pipe is held in place with spacer rings inside of the protective pipe.

Inquire for available sizes.

### **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.

### Warranty

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

