



CSI: DIVISION: 22 00 00 – PLUMBING
Section: 22 13 16 – Sanitary Waste and Vent Piping

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Flexible Couplings for DWV and Sewer Pipe

Listee: FERNCO, Inc.
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Additional Listee:

Source One Environmental
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Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Plumbing Code® (IPC)*
2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code® (UPC)**
2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code (IRC)*
2022, 2019, 2016, 2013 and 2010 *California Plumbing Code (CPC)*
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2021, 2017 and 2007 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2020, 2015, 2010 and 2005 *National Plumbing Code of Canada***

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Compliance with the following standards:

ASTM C 1173-2022, Flexible Transition Couplings for Underground Piping Systems
CSA B602-2020, Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe

Identification:

Couplings shall be permanently marked with the manufacturer's name or the manufacturer's registered trademark, model number, nominal pipe size (NPS), pipe material(s) for which the coupling is designed, standard designation, and ICC-ES PMG listing mark.

Models:

- **FERNCO FLEXIBLE COUPLING**

Fernco Flexible Couplings are designed for the connection of plain end DWV and sewer pipe of similar or dissimilar material and size.

Flexible couplings incorporate a one-piece elastomeric polyvinyl chloride (PVC) gasket with a minimum of two 300 series stainless steel worm gear clamps. Tightening each clamp to 60 lbf·in (6.78 N·m) torque compresses the gasket against the outside pipe wall effectively sealing the coupled pipe sections. Refer to Table 1 for the specific connections.

Table 1 – FERNCO FLEXIBLE COUPLINGS

Part Number	Description¹
1001-44	4-inch clay to 4-inch clay
1001-44WC	4-inch clay to 4-inch clay
1001-54	5-inch clay to 4-inch clay
1001-55	5-inch clay to 5-inch clay
1001-64	6-inch clay to 4-inch clay
1001-64WC	6-inch clay to 4-inch clay
1001-65	6-inch clay to 5-inch clay
1001-66	6-inch clay to 6-inch clay
1001-66WC	6-inch clay to 6-inch clay
1001-86	8-inch clay to 6-inch clay
1001-86WC	8-inch clay to 6-inch clay
1001-88	8-inch clay to 8-inch clay
1001-88WC	8-inch clay to 8-inch clay
1001-1010	10-inch clay to 10-inch clay
1001-1010WC	10-inch clay to 10-inch clay
1001-1212	12-inch clay to 12-inch clay
1001-1212WC	12-inch clay to 12-inch clay
1002-43	4-inch clay to 3-inch cast iron or plastic
1002-43WC	4-inch clay to 3-inch cast iron or plastic
1002-44	4-inch clay to 4-inch cast iron or plastic
1002-44WC	4-inch clay to 4-inch cast iron or plastic
1002-54	5-inch clay to 4-inch cast iron or plastic
1002-54WC	5-inch clay to 4-inch cast iron or plastic
1002-55	5-inch clay to 5-inch cast iron or plastic
1002-55WC	5-inch clay to 5-inch cast iron or plastic
1002-64	6-inch clay to 4-inch cast iron or plastic
1002-64WC	6-inch clay to 4-inch cast iron or plastic
1002-65	6-inch clay to 5-inch cast iron or plastic
1002-66	6-inch clay to 6-inch cast iron or plastic
1002-66WC	6-inch clay to 6-inch cast iron or plastic
1002-86	8-inch clay to 6-inch cast iron or plastic
1002-86WC	8-inch clay to 6-inch cast iron or plastic
1002-88	8-inch clay to 8-inch cast iron or plastic
1002-88WC	8-inch clay to 8-inch cast iron or plastic
1002-1010	10-inch clay to 10-inch cast iron or plastic
1002-1010WC	10-inch clay to 10-inch cast iron or plastic
1002-1210	12-inch clay to 10-inch cast iron or plastic
1002-1212	12-inch clay to 12-inch cast iron or plastic
1002-1212WC	12-inch clay to 12-inch cast iron or plastic

Table 1 – FERNCO FLEXIBLE COUPLINGS – CONTINUED

Part Number	Description¹
1003-44	4-inch clay to 4-inch asbestos cement or ductile iron
1003-54	5-inch clay to 4-inch asbestos cement or ductile iron
1003-55	5-inch clay to 5-inch asbestos cement or ductile iron
1003-64	6-inch clay to 4-inch asbestos cement or ductile iron
1003-64WC	6-inch clay to 4-inch asbestos cement or ductile iron
1003-65	6-inch clay to 5-inch asbestos cement or ductile iron
1003-66	6-inch clay to 6-inch asbestos cement or ductile iron
1003-66WC	6-inch clay to 6-inch asbestos cement or ductile iron
1003-88	8-inch clay to 8-inch asbestos cement or ductile iron
1003-88WC	8-inch clay to 8-inch asbestos cement or ductile iron
1003-1010	10-inch clay to 10-inch asbestos cement or ductile iron
1003-1010WC	10-inch clay to 10-inch asbestos cement or ductile iron
1003-1212	12-inch clay to 12-inch asbestos cement or ductile iron
1003-1212WC	12-inch clay to 12-inch asbestos cement or ductile iron
1004-44	4-inch concrete to 4-inch concrete
1004-66	6-inch concrete to 6-inch concrete
1004-86	8-inch concrete to 6-inch concrete
1004-88	8-inch concrete to 8-inch concrete
1004-1010	10-inch concrete to 10-inch concrete
1004-1212	12-inch concrete to 12-inch concrete
1006-43	4-inch concrete to 3-inch cast iron or plastic
1006-44	4-inch concrete to 4-inch cast iron or plastic
1006-64	6-inch concrete to 4-inch cast iron or plastic
1006-65	6-inch concrete to 5-inch cast iron or plastic
1006-66	6-inch concrete to 6-inch cast iron or plastic
1006-86	8-inch concrete to 6-inch cast iron or plastic
1006-88	8-inch concrete to 8-inch cast iron or plastic
1006-1010	10-inch concrete to 10-inch cast iron or plastic
1006-1212	12-inch concrete to 12-inch cast iron or plastic
1051-43	4-inch asbestos cement or ductile iron to 3-inch cast iron or plastic
1051-44	4-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
1051-54	5-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
1051-55	5-inch asbestos cement or ductile iron to 5-inch cast iron or plastic
1051-64	6-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
1051-65	6-inch asbestos cement or ductile iron to 5-inch cast iron or plastic
1051-66	6-inch asbestos cement or ductile iron to 6-inch cast iron or plastic
1051-88	8-inch asbestos cement or ductile iron to 8-inch cast iron or plastic
1051-1010	10-inch asbestos cement or ductile iron to 10-inch cast iron or plastic
1051-1212	12-inch asbestos cement or ductile iron to 12-inch cast iron or plastic
1055-44	4-inch asbestos cement or ductile iron to 4-inch asbestos cement or ductile iron
1055-54	5-inch asbestos cement or ductile iron to 4-inch asbestos cement or ductile iron
1055-64	6-inch asbestos cement or ductile iron to 4-inch asbestos cement or ductile iron
1055-65	6-inch asbestos cement or ductile iron to 5-inch asbestos cement or ductile iron
1055-66	6-inch asbestos cement or ductile iron to 6-inch asbestos cement or ductile iron
1055-88	8-inch asbestos cement or ductile iron to 8-inch asbestos cement or ductile iron
1055-1010	10-inch asbestos cement or ductile iron to 10-inch asbestos cement or ductile iron
1055-1212	12-inch asbestos cement or ductile iron to 12-inch asbestos cement or ductile iron
1056-125 ^{2,3}	1¼-inch cast iron, plastic, copper, or steel to 1¼-inch cast iron, plastic, copper, or steel

Table 1 – FERNCO FLEXIBLE COUPLINGS – CONTINUED

Part Number	Description¹
1056-150/125 ^{2,3}	1½-inch cast iron, plastic, copper, or steel to 1¼-inch cast iron, plastic, copper, or steel
1056-150/125XL ^{2,3}	1½-inch cast iron, plastic, copper, or steel to 1¼-inch cast iron, plastic, copper, or steel
1056-150 ^{2,3}	1½-inch cast iron, plastic, copper, or steel to 1½-inch cast iron, plastic, copper, or steel
1056-215 ^{2,3}	2-inch cast iron, plastic, copper, or steel to 1½-inch cast iron, plastic, copper, or steel
1056-22 ^{2,3}	2-inch cast iron, plastic, copper, or steel to 2-inch cast iron, plastic, copper, or steel
1056-315 ^{2,3}	3-inch cast iron, plastic, copper, or steel to 1½-inch cast iron, plastic, copper, or steel
1056-32 ^{2,3}	3-inch cast iron, plastic, copper, or steel to 2-inch cast iron, plastic, copper, or steel
1056-33 ^{2,3}	3-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-415 ^{2,3}	4-inch cast iron, plastic, copper, or steel to 1½-inch cast iron, plastic, copper, or steel
1056-42 ^{2,3}	4-inch cast iron, plastic, copper, or steel to 2-inch cast iron, plastic, copper, or steel
1056-43 ^{2,3}	4-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-44 ^{2,3}	4-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-53 ^{2,3}	5-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-54 ^{2,3}	5-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-55 ^{2,3}	5-inch cast iron, plastic, copper, or steel to 5-inch cast iron, plastic, copper, or steel
1056-63 ^{2,3}	6-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-64 ^{2,3}	6-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-65 ^{2,3}	6-inch cast iron, plastic, copper, or steel to 5-inch cast iron, plastic, copper, or steel
1056-66 ^{2,3}	6-inch cast iron, plastic, copper, or steel to 6-inch cast iron, plastic, copper, or steel
1056-84 ^{2,3}	8-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-86 ^{2,3}	8-inch cast iron, plastic, copper, or steel to 6-inch cast iron, plastic, copper, or steel
1056-88 ^{2,3}	8-inch cast iron, plastic, copper, or steel to 8-inch cast iron, plastic, copper, or steel
1056-10-8 ^{2,3}	10-inch cast iron, plastic, copper, or steel to 8-inch cast iron, plastic, copper, or steel
1056-1010 ^{2,3}	10-inch cast iron, plastic, copper, or steel to 10-inch cast iron, plastic, copper, or steel
1056-1210 ^{2,3}	12-inch cast iron, plastic, copper, or steel to 10-inch cast iron, plastic, copper, or steel
1056-1212 ^{2,3}	12-inch cast iron, plastic, copper, or steel to 12-inch cast iron, plastic, copper, or steel
1056-1512 ^{2,3}	15-inch cast iron, plastic, copper, or steel to 12-inch cast iron, plastic, copper, or steel
1056-1515 ^{2,3}	15-inch cast iron, plastic, copper, or steel to 15-inch cast iron, plastic, copper, or steel
1056-1818 ^{2,3}	18-inch cast iron, plastic, copper, or steel to 18-inch cast iron, plastic, copper, or steel

¹ 1 inch = 25.4 mm

² Series 1056 Flexible Couplings have not been evaluated for cast iron pipe to cast iron pipe connections or copper to steel pipe.

³ Series 1056 couplings have not been evaluated for connecting copper and galvanized steel pipe.

• FERNCO STRONG BACK RC COUPLINGS

Fernco Strong Back RC Couplings are designed for the connection of plain end DWV and sewer pipe of similar or dissimilar material and size. Strong Back RC couplings incorporate a one piece elastomeric polyvinyl chloride (PVC) gasket, a 300 series stainless steel shield and 300 series stainless steel worm gear clamps. Tightening each clamp to 60 lbf-in (6.78 N-m) torque compresses the gasket against the outside pipe wall effectively sealing the coupled pipe sections. Refer to Table 2 for specific connections

Table 2 – FERNCO STRONG BACK RC COUPLINGS

Part Number	Description¹
1001-44RC	4-inch clay to 4-inch clay
1001-44WCRC	4-inch clay to 4-inch clay
1001-66RC	6-inch clay to 6-inch clay
1001-66WCRC	6-inch clay to 6-inch clay
1001-88RC	8-inch clay to 8-inch clay
1001-88WCRC	8-inch clay to 8-inch clay
1001-1010RC	10-inch clay to 10-inch clay
1001-1010WCRC	10-inch clay to 10-inch clay
1001-1212RC	12-inch clay to 12-inch clay

Table 2 – FERNCO STRONG BACK RC COUPLINGS – CONTINUED

Part Number	Description¹
1001-1212WCRC	12-inch clay to 12-inch clay
1002-44RC	4-inch clay to 4-inch cast iron or plastic
1002-442RC	4-inch clay to 4-inch cast iron or plastic
1002-44WCRC	4-inch clay to 4-inch cast iron or plastic
1002-64RC	6-inch clay to 4-inch cast iron or plastic
1002-64WCRC	6-inch clay to 4-inch cast iron or plastic
1002-66RC	6-inch clay to 6-inch cast iron or plastic
1002-662RC	6-inch clay to 6-inch cast iron or plastic
1002-66WCRC	6-inch clay to 6-inch cast iron or plastic
1002-88RC	8-inch clay to 8-inch cast iron or plastic
1002-882RC	8-inch clay to 8-inch cast iron or plastic
1002-88WCRC	8-inch clay to 8-inch cast iron or plastic
1002-1010RC	10-inch clay to 10-inch cast iron or plastic
1002-10102RC	10-inch clay to 10-inch cast iron or plastic
1002-1010WCRC	10-inch clay to 10-inch cast iron or plastic
1002-1212RC	12-inch clay to 12-inch cast iron or plastic
1002-1212WCRC	12-inch clay to 12-inch cast iron or plastic
1003-44RC	4-inch clay to 4-inch asbestos cement or ductile iron
1003-44WCRC	4-inch clay to 4-inch asbestos cement or ductile iron
1003-66RC	6-inch clay to 6-inch asbestos cement or ductile iron
1003-66WCRC	6-inch clay to 6-inch asbestos cement or ductile iron
1003-88RC	8-inch clay to 8-inch asbestos cement or ductile iron
1003-88WCRC	8-inch clay to 8-inch asbestos cement or ductile iron
1003-1010RC	10-inch clay to 10-inch asbestos cement or ductile iron
1003-1010WCRC	10-inch clay to 10-inch asbestos cement or ductile iron
1003-1212RC	12-inch clay to 12-inch asbestos cement or ductile iron

Table 2 – FERNCO STRONG BACK RC COUPLINGS – CONTINUED

Part Number	Description¹
1003-1212WCRC	12-inch clay to 12-inch asbestos cement or ductile iron
1004-44RC	4-inch concrete to 4-inch concrete
1004-66RC	6-inch concrete to 6-inch concrete
1004-88RC	8-inch concrete to 8-inch concrete
1004-1010RC	10-inch concrete to 10-inch concrete
1004-1212RC	12-inch concrete to 12-inch concrete
1002-12122RC	12-inch clay to 12-inch cast iron or plastic
1006-44RC	4-inch concrete to 4-inch cast iron or plastic
1006-64RC	6-inch concrete to 4-inch cast iron or plastic
1006-66RC	6-inch concrete to 6-inch cast iron or plastic
1006-88RC	8-inch concrete to 8-inch cast iron or plastic
1006-1010RC	10-inch concrete to 10-inch cast iron or plastic
1006-1212RC	12-inch concrete to 12-inch cast iron or plastic
1051-44RC	4-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
1051-64RC	6-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
1051-66RC	6-inch asbestos cement or ductile iron to 6-inch cast iron or plastic
1051-88RC	8-inch asbestos cement or ductile iron to 8-inch cast iron or plastic
1051-1010RC	10-inch asbestos cement or ductile iron to 10-inch cast iron or plastic
1051-1212RC	12-inch asbestos cement or ductile iron to 12-inch cast iron or plastic
1055-44RC	4-inch asbestos cement or ductile iron to 4-inch asbestos cement or ductile iron
1055-66RC	6-inch asbestos cement or ductile iron to 6-inch asbestos cement or ductile iron
1055-88RC	8-inch asbestos cement or ductile iron to 8-inch asbestos cement or ductile iron
1055-1010RC	10-inch asbestos cement or ductile iron to 10-inch asbestos cement or ductile iron
1055-1212RC	12-inch asbestos cement or ductile iron to 12-inch asbestos cement or ductile iron
1056-22RC	2-inch cast iron, plastic, copper, or steel to 2-inch cast iron, plastic, copper, or steel
1056-222RC	2-inch cast iron, plastic, copper, or steel to 2-inch cast iron, plastic, or steel
1056-33RC	3-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-332RC	3-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, or steel
1056-43RC	4-inch cast iron, plastic, copper, or steel to 3-inch cast iron, plastic, copper, or steel
1056-44RC	4-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-442RC	4-inch cast iron, plastic, or steel to 4-inch cast iron, plastic, or steel
1056-55RC	5-inch cast iron, plastic, or steel to 5-inch cast iron, plastic, or steel
1056-552RC	5-inch cast iron, plastic, or steel to 5-inch cast iron, plastic, or steel
1056-64RC	6-inch cast iron, plastic, copper, or steel to 4-inch cast iron, plastic, copper, or steel
1056-65RC	6-inch cast iron, plastic, copper, or steel to 5-inch cast iron, plastic, copper, or steel
1056-66RC	6-inch cast iron, plastic, copper, or steel to 6-inch cast iron, plastic, copper, or steel
1056-662RC	6-inch cast iron, plastic, or steel to 6-inch cast iron, plastic, or steel
1056-86RC	8-inch cast iron, plastic, copper, or steel to 6-inch cast iron, plastic, copper, or steel
1056-88RC	8-inch cast iron, plastic, copper, or steel to 8-inch cast iron, plastic, copper, or steel
1056-882RC	8-inch cast iron, plastic, or steel to 8-inch cast iron, plastic, or steel
1056-1010RC	10-inch cast iron, plastic, copper, or steel to 10-inch cast iron, plastic, copper, or steel
1056-10102RC	10-inch cast iron, plastic, or steel to 10-inch cast iron, plastic, or steel
1056-1212RC	12-inch cast iron, plastic, copper, or steel to 12-inch cast iron, plastic, copper, or steel
1056-12122RC	12-inch cast iron, plastic, or steel to 12-inch cast iron, plastic, or steel

¹ 1 inch = 25.4 mm

• FERNCO “5000” SERIES RC COUPLINGS

Fernco 5000 Series RC Couplings are designed for the connection of plain end DWV and sewer pipe of similar or dissimilar material and size. 5000 Series RC couplings incorporate a one piece elastomeric polyvinyl chloride (PVC) gasket, a 300 series stainless steel shield and 300 series stainless steel nut and bolt style clamps. Tightening each clamp to 60 lbf-in (6.78 N-m) torque compresses the gasket against the outside pipe wall effectively sealing the coupled pipe sections. Refer to Table 3 for specific connections.

Table 3 – “5000” SERIES STRONG BACK RC COUPLINGS

Part Number	Description¹
5001-44RC	4-inch clay to 4-inch clay
5001-44WCRC	4-inch clay to 4-inch clay
5001-66RC	6-inch clay to 6-inch clay
5001-66WCRC	6-inch clay to 6-inch clay
5001-88RC	8-inch clay to 8-inch clay
5001-88WCRC	8-inch clay to 8-inch clay
5001-1010RC	10-inch clay to 10-inch clay
5001-1010WCRC	10-inch clay to 10-inch clay
5001-1212RC	12-inch clay to 12-inch clay
5001-1212WCRC	12-inch clay to 12-inch clay
5002-44RC	4-inch clay to 4-inch cast iron or plastic
5002-44WCRC	4-inch clay to 4-inch cast iron or plastic
5002-64RC	6-inch clay to 4-inch cast iron or plastic
5002-64WCRC	6-inch clay to 4-inch cast iron or plastic
5002-66RC	6-inch clay to 6-inch cast iron or plastic
5002-66WCRC	6-inch clay to 6-inch cast iron or plastic
5002-88RC	8-inch clay to 8-inch cast iron or plastic
5002-88WCRC	8-inch clay to 8-inch cast iron or plastic
5002-1010RC	10-inch clay to 10-inch cast iron or plastic
5002-1010WCRC	10-inch clay to 10-inch cast iron or plastic
5002-1212RC	12-inch clay to 12-inch cast iron or plastic
5002-1212WCRC	12-inch clay to 12-inch cast iron or plastic
5003-44RC	4-inch clay to 4-inch asbestos cement or ductile iron
5003-44WCRC	4-inch clay to 4-inch asbestos cement or ductile iron
5003-66RC	6-inch clay to 6-inch asbestos cement or ductile iron
5003-66WCRC	6-inch clay to 6-inch asbestos cement or ductile iron
5003-88RC	8-inch clay to 8-inch asbestos cement or ductile iron
5003-88WCRC	8-inch clay to 8-inch asbestos cement or ductile iron
5003-1010RC	10-inch clay to 10-inch asbestos cement or ductile iron
5003-1010WCRC	10-inch clay to 10-inch asbestos cement or ductile iron
5003-1212RC	12-inch clay to 12-inch asbestos cement or ductile iron
5003-1212WCRC	12-inch clay to 12-inch asbestos cement or ductile iron
5004-44RC	4-inch concrete to 4-inch concrete
5004-66RC	6-inch concrete to 6-inch concrete
5004-88RC	8-inch concrete to 8-inch concrete
5004-1010RC	10-inch concrete to 10-inch concrete
5004-1212RC	12-inch concrete to 12-inch concrete
5006-44RC	4-inch concrete to 4-inch cast iron or plastic
5006-64RC	6-inch concrete to 4-inch cast iron or plastic

Table 3 – FERNCO “5000” SERIES STRONG BACK RC COUPLINGS – CONTINUED

Part Number	Description¹
5006-66RC	6-inch concrete to 6-inch cast iron or plastic
5006-88RC	8-inch concrete to 8-inch cast iron or plastic
5006-1010RC	10-inch concrete to 10-inch cast iron or plastic
5006-1212RC	12-inch concrete to 12-inch cast iron or plastic
5051-44RC	4-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
5051-64RC	6-inch asbestos cement or ductile iron to 4-inch cast iron or plastic
5051-66RC	6-inch asbestos cement or ductile iron to 6-inch cast iron or plastic
5051-88RC	8-inch asbestos cement or ductile iron to 8-inch cast iron or plastic
5051-1010RC	10-inch asbestos cement or ductile iron to 10-inch cast iron or plastic
5051-1212RC	12-inch asbestos cement or ductile iron to 12-inch cast iron or plastic
5055-44RC	4-inch asbestos cement or ductile iron to 4-inch asbestos cement or ductile iron
5055-66RC	6-inch asbestos cement or ductile iron to 6-inch asbestos cement or ductile iron
5055-88RC	8-inch asbestos cement or ductile iron to 8-inch asbestos cement or ductile iron
5055-1010RC	10-inch asbestos cement or ductile iron to 10-inch asbestos cement or ductile iron
5055-1212RC	12-inch asbestos cement or ductile iron to 12-inch asbestos cement or ductile iron
5056-22RC	2-inch cast iron or plastic to 2-inch cast iron or plastic
5056-33RC	3-inch cast iron or plastic to 3-inch cast iron or plastic
5056-43RC	4-inch cast iron or plastic to 3-inch cast iron or plastic
5056-44RC	4-inch cast iron or plastic to 4-inch cast iron or plastic
5056-64RC	6-inch cast iron or plastic to 4-inch cast iron or plastic
5056-66RC	6-inch cast iron or plastic to 6-inch cast iron or plastic
5056-86RC	8-inch cast iron or plastic to 6-inch cast iron or plastic
5056-88RC	8-inch cast iron or plastic to 8-inch cast iron or plastic
5056-1010RC	10-inch cast iron or plastic to 10-inch cast iron or plastic
5056-1212RC	12-inch cast iron or plastic to 12-inch cast iron or plastic

¹ 1 inch = 25.4 mm

• FERNCO DRAIN AND TRAP CONNECTORS

Fernco Drain and Trap Connectors are designed for the connection of tubular drainage, tubular traps and DWV pipe. These products incorporate a flexible gasket manufactured from an elastomeric polyvinyl chloride (PVC) and two 300 series stainless steel clamps. The drain and trap connector are attached to the pipe with two series 300 stainless steel clamps. Drain and Trap Connectors are also used for connection of 1½ -inch (38 mm) sump pump discharge piping to drainage piping. Refer to Table 4 for part number and description.

Table 4 – FERNCO DRAIN AND TRAP CONNECTORS

Part Number	Description^{1,2}
DTC150	1½-inch SCH 40 (ABS or PVC) to 1½-inch tubular
DTC215	2-inch SCH 40 (ABS or PVC) to 1½-inch tubular
TC-150	1½-inch or 1¼-inch tubular to 1½-inch or 1¼-inch tubular

¹ 1 inch = 25.4 mm

² Drain and trap connectors have been evaluated only to the CSA B602 requirements.

• FERNCO EXPANSION JOINTS

Fernco expansion Joints allow for thermal expansion and contraction of vertically oriented drain, waste, and vent pipe and inside rainwater conductor systems. The design incorporates a one-piece flexible polyvinyl chloride (PVC) gasket and two 300 series stainless steel clamps. Expansion Joints accommodate a maximum of 1½” pipe expansion and ½” pipe contraction from the normal installed position. Refer to Table 5 for part numbers and recommended pipe materials.

Table 5 – EXPANSION JOINTS

Part Number	Description^{1,2}
XJ – 150	1½-inch expansion joint for cast iron, plastic, and steel to cast iron, plastic, and steel
XJ – 2	2-inch expansion joint for cast iron, plastic, and steel to cast iron, plastic, and steel
XJ – 3	3-inch expansion joint for cast iron, plastic, and steel to cast iron, plastic, and steel
XJ – 4	4-inch expansion joint for cast iron, plastic, and steel to cast iron, plastic, and steel

¹ 1 inch = 25.4 mm

² Expansion Joints have been evaluated only to the CSA B602 requirements.

• FERNCO “HULK” COUPLINGS

Fernco “HULK” couplings each connects to a broad range of pipe diameters. The couplings are designed to connect all or most pipe materials in its specific nominal pipe class. E.g., Hulk4 will connect plastic, cast iron, ductile, AC, clay and concrete pipe of 4” nominal pipe diameter. Couplings will make pipe connections of max to max, min to min, and max to min in the ranges outlined in Table 6.

Table 6 – “HULK” COUPLINGS

Part Number	Description¹
HULK4	Range 5.6” to 4.2”
HULK5	Range 6.5” to 5.3”
HULK6	Range 8.0” to 6.2”
HULK8	Range 10.15” to 8.4”
HULK10	Range 12.75” to 10.5”
HULK12	Range 14.5” to 12.5”

¹ 1 inch = 25.4 mm

Additional Listee Models:

Source One Environmental SilverBack XL Shielded Couplings

Part Number	Description¹
SBXL144	4-inch clay to 4-inch plastic
SBXL166	6-inch clay to 6-inch plastic
SBXL188	8-inch clay to 8-inch plastic
SBXL11010	10-inch clay to 10-inch plastic
SBXL11212	12-inch clay to 12-inch plastic
SBXL244	4-inch plastic to 4-inch plastic
SBXL266	6-inch plastic to 6-inch plastic
SBXL288	8-inch plastic to 8-inch plastic
SBXL21010	10-inch plastic to 10-inch plastic
SBXL21212	12-inch plastic to 12-inch plastic
T1187	8-inch clay to 7-inch plastic
T1287	8-inch plastic to 7-inch plastic

¹ 1 inch = 25.4 mm

Conditions of Listing:

1. The products must be installed in accordance with this listing, the applicable code and the manufacturer’s published installation instructions. The instructions within this listing must govern if there are any conflicts between the manufacturer’s published instructions and this listing.
2. Use of couplings above ground is subject to the approval of the code official.
3. The stainless-steel clamps must be tightened to not less than 60 lbf-in (6.78 N·m) torque.
4. Couplings have not been evaluated for cast iron pipe to cast iron pipe connections or lead pipe to lead pipe connections.

5. Series 1055 flexible couplings have not been evaluated for asbestos cement pipe to asbestos cement pipe connections.
6. Series 1056 flexible couplings have not been evaluated for copper pipe to galvanized pipe connections.
7. Couplings are manufactured under a quality control program with annual inspections by ICC-ES.