

Corner Connector 040E

- The Corner Connector 040E is made from a clear ether-based thermoplastic polyurethane alloy with a tapered infeed end, 110° angled bend and straight drain output end.
- Designed for use in CIP wash processes to replace traditional steel tundish and swivelling pipework.
- Redirects the clean-in-place (CIP) wash fluid flowing through your process ensuring that your equipment stays dry and your product is free from chemicals used to clean your process machinery.
- Ideal for under compact machinery (i.e. sifter/sieve) where product needs to be redirected into other equipment where there is limited space.

VIBRATION	OSCILLATION	COMPRESSION	DUST TIGHT	FOOD SAFETY	ATEX



PHYSICAL PROPERTIES:

(standard Seeflex 040E physical properties apply, including:)

Surface Finish	Gloss/Gloss
Hardness (Shore A)	90
Wall Thickness (+/- 10%)	0.9 mm / 1/32 inch
Tensile Strength (MPa)	40
Operating Temp Range	-25 to 110°C -13 to 230°F
Max. Operating Pressure (for temp. to 90°C / 195°F)*	0.34 bar / 5.0 PSI
Surface Resistivity (Ohms) (Tested to ASTM D-257)	10 ¹⁰

AVAILABLE SIZES: (In 50mm (2") increments)

The corner connector has variable dimensions that can be tailor-made to your requirement subject to the following minimums/maximums, and the tapered end is subject to the minimum ratios outlined on the Corner Connector Taper Table over the page.

Diameter 1 (wide (infeed) end)	Ø125mm - 650mm (Ø5" - 26")
Diameter 2 (narrow (outlet) end)	Ø100mm - 600mm (Ø4" - 24")
Height 1 (wide (infeed) end)	200mm - 900mm (8" to 35 1/8")
Length 1 (narrow (outlet) end)	100mm - 650mm (4" to 26")

(Size range is in mm, so inch conversions are approximate only.)

*We recommend using the shortest possible connector for applications where increased pressure and/or high temperature is expected. Please contact us for more information.

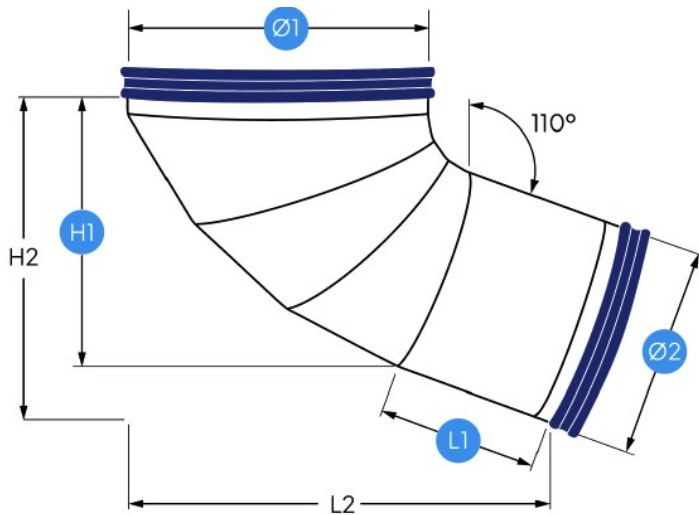
COMPLIANCE:

Atex Compliant: IBEU tested. Can be used in all dust explosion hazardous areas (restrictions apply).
Complies with the following regulations:
FDA 21 CFR 177.1680 & 177.2600 & USDA,
(EC) 1935/2004, 2023-2006 & 10/2011

Corner Connector Taper Table

Select the diameter of each end from the blue numbers in the light blue (mm) column.

The minimum possible height of the tapered (or infeed/'dish') end (H1) is indicated by the black numbers in the table and is measured from the base of the top (wide-end) cuff to the bottom weld/join of the drain section.



When specifying dimensions for a Corner Connector, you will need to identify each of the following:

- Ø1 – infeed - widest part or the 'dish' end
- Ø2 – outlet - narrower 'drainage' pipe end

H1 – height from under the top (Ø1) cuff to the bottom weld/join of the drain section pipe (min. height must be as per the Corner Connector Taper Table below)

L1 – length of the drain section, measured from the weld/join to inside the bottom (Ø2) cuff

H2 (total height) and L2 (total width) can be calculated using the 'Corner Connector Calculator' available on the website.

												X	Ø2
											X	650	600
										X	600	600	550
									X	550	550	550	500
								X	500	500	500	500	450
							X	450	450	450	450	450	400
						X	400	400	400	400	400	500	350
					X	350	350	350	350	450	500	600	300
				X	300	300	300	350	400	500	600	650	250
			X	250	250	250	350	400	500	600	650	750	200
		X	250	250	250	350	450	500	600	650	750	800	150
	X	200	200	250	300	400	450	550	600	700	750	850	125
	200	200	200	250	350	400	500	600	650	750	800	900	100
Ø1	125	150	200	250	300	350	400	450	500	550	600	650	DIA

Corner Connector Taper Table - Minimum Height