

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.















PHYSICAL PROPERTIES:

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

Surface Finish	Gloss/Gloss		
Hardness (Shore A)	90		
Wall Thickness (+/- 10%)	0.9 mm / ½2 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 (0hms) (Tested to ASTM D-257)	1010		

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	Ø100mm - 650mm		
(wide (infeed) end)	(Ø4" - 26")		
Diameter 2	Ø100mm - 650mm		
(narrow (outlet) end)	(Ø4" - 26")		
Height 1	200mm - 900mm		
(wide (infeed) end)	(8" to 35 1/16")		
Length 1	100mm - 650mm		
(narrow (outlet) end)	(4" to 26")		

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

COMPLIANCE:

Atex Compliant: IBExU 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.

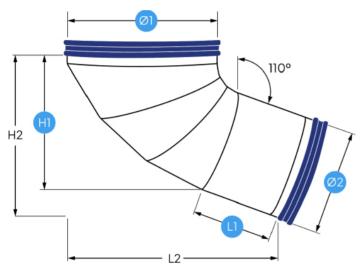
Manufactured from 3A 20-27 certified Seeflex Material and the BFM® cuff and spigot system is a 3A certified 63-04 sanitary fitting.

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

Corner Connector Minimum Length Table

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

The minimum possible height of the 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 Minimum Length 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.

Ø2

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

Corner Connector Taper Table - Minimum Length

Ø1