

Seeflex 040E Corner Connector

- The Seeflex 040E Corner Connector 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) <i>(Tested to ASTM D-257)</i>	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.

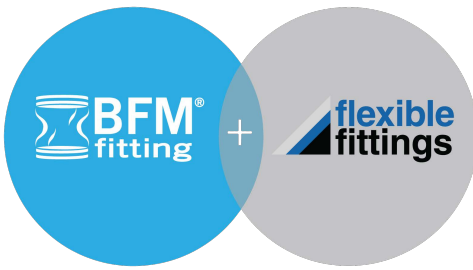
Diameter 1 (wide (infeed) end)	Ø125mm - 650mm (Ø5" - 26")
Diameter 2 (narrow (outlet) end)	Ø100mm - 600mm (Ø4" - 24")
Length 1 (wide (infeed) end)	200mm - 650mm (8" to 26")
Length 2 (narrow (outlet) end)	100mm - 650mm (4" to 26")

(Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, or when anti-collapse rings or TR versions used. Refer to [Connector Sizes](#) for more information.)

**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 length of the tapered (or infeed/'dish') end is indicated by the black numbers in the table and is measured from the base of the top (wide-end) cuff to the bottom wall 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

L1 - length from under the top (Ø1) cuff to the bottom of the drain section pipe (min. length must be as per the Corner Connector Taper Table over page)

L2 - length of the drain section, measured from the weld at the top 'corner'



													X	Ø2											
													X	200	600										
												X	200	250	550										
												X	200	250	300	500									
												X	200	250	300	350	450								
												X	200	250	300	350	400	400							
												X	200	250	300	350	450	350							
												X	200	250	300	350	400	450	300						
												X	200	250	300	350	400	450	450	500	250				
												X	200	250	300	350	400	450	450	500	550	200			
												X	200	200	300	300	350	400	450	500	550	600	150		
												X	200	200	250	300	350	400	450	500	550	600	650	125	
												200	200	250	300	350	400	450	450	500	550	600	650	100	
												Ø1	125	150	200	250	300	350	400	450	500	550	600	650	DIA