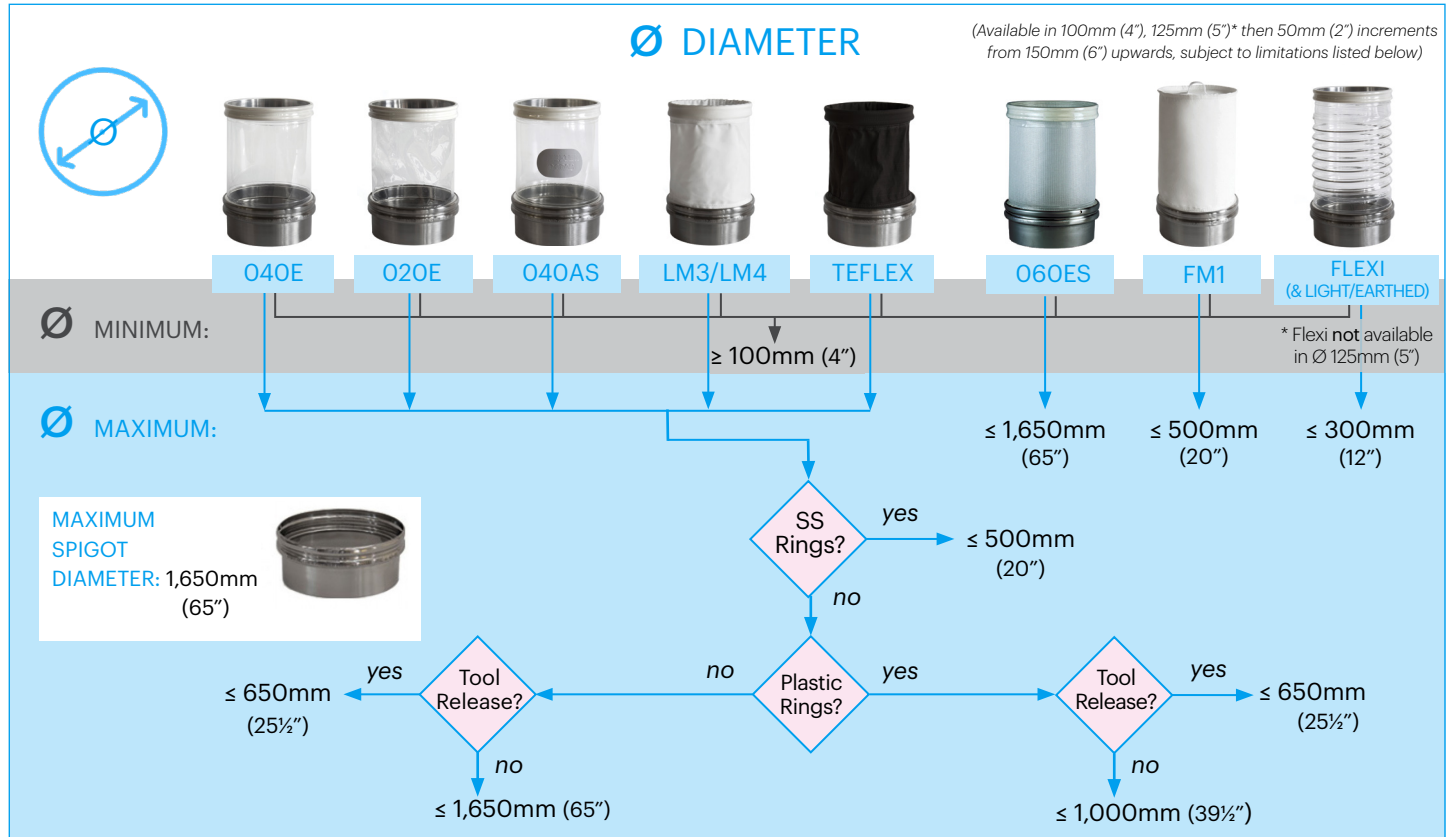


Quick Reference Limitations Summary



* We recommend a minimum CL of 350mm for tumbler or gyratory screening machines

Quick Reference Connector Facts

	O20E	O40E	O40AS	O60ES	Flexi (& Flexi Light)	Teflex NP	LM3	LM4	FM1	Teflex
OPERATING TEMPERATURE (Continuous)	-25 - 80°C (-13 - 176°F)	-25 - 110°C (-13 - 230°F)	-25 - 95°C (-13 - 203°F)	-25 - 120°C (-13 - 248°F)	-20 - 85°C (-4 - 185°F)	≤ 300°C (572°F)	-70 - 94°C (-94 - 201°F)	≤ 130°C (266°F)	≤ 130°C (266°F)	≤ 260°C (500°F)
(Surge)	100°C (212°F)	120°C (248°F)	100°C (212°F)	130°C (266°F)	-	316°C (600°F)	107°C (225°F)	150°C (302°F)	150°C (302°F)	280°C (536°F)
MAXIMUM OPERATING PRESSURE	1.5 PSI 10.342 KPA 0.1034 BAR	5.0 PSI 34.474 KPA 0.3448 BAR	3.5 PSI 24.132 KPA 0.2413 BAR	19.0 PSI 131.00 KPA 1.310 BAR	-	3.0 PSI 20.684 KPA 0.2069 BAR	-	-	-	-
SURFACE RESISTIVITY (Ohms)	10 ¹⁰	10 ¹⁰	10 ⁸	10 ¹⁰	N/A	10 ⁶	10 ⁸	10 ⁹	10 ⁸	Insulative
FDA Approved	CFR 177.1680 & 177.2600	CFR 177.1680 & 177.2600	CFR 177.1680 & 177.2600	CFR 177.1680 & 177.2600	CFR 177.1680 & 177.1550 (adhesives) & 177.2600	CFR 21 177.1550 & 178.3297	CFR 21 177.1680 & 177.2600	CFR 21 177.2800	CFR 21 177.2800	CFR 21 177.1550
3A Certified	Yes (20-)	Yes (20-)	-	TBC	Yes (20-)	TBC	-	-	-	-
EU Approved	EC 1935/2004, 2023- 2006 & 10/2011	EC 1935/2004, 2023-2006 & 10/2011	-	EC 1935/2004, 2023-2006 & 10/2011	EC 1935/2004, 2023-2006	EC 1935/2004 10/2011	EC 1935/2004 & 10/2011	EC 1935/2004 & 10/2011	-	-
ATEX Certified	All dust explosion hazardous areas (some restrictions apply).			TBC	Restrictions apply.	TBC	-	Restrictions apply.	-	-

	CONNECTORS (without rings)	WITH RINGS (Available in PE (plastic) and 6mm (¼") SS (stainless steel))	SPIGOTS
MINIMUM DIAMETER	100mm (4") (then available at 125mm (5") & 150mm (6") and in 50mm (2") increments) NB: Flexi not available in 125mm (5") diameter	100mm (4")	100mm (4") then 125mm (5") & 150mm (6") and in 50mm (2") increments up to 1,650mm (65")
MAXIMUM DIAMETER	300mm (12") for Flexi 650mm (25½") for TR (Tool Release) & Blanking Caps/Bins/Socks 1,650mm (65") for standard	500mm (20") for Stainless Steel Rings 1,000mm (39½") for Plastic Rings	1,650mm (65") (no custom sizes available)
MINIMUM LENGTH	80mm (3") (except as noted below) 100mm (4") FM1 200mm (8") Flexi, 250mm (10") Flexi-Earthed 350mm (14") for fitting on an Allgaier type sifter	150mm (6")	37mm (1½") <i>NOTE: If tail is cut down, ensure there is a heat sink to prevent distorting the spigot when welding onto pipe.</i>
MAXIMUM LENGTH	200mm (8") Ø from 1,050 - 1,650mm (41 - 65") ALL 500mm (20") Ø from 700 - 1,000mm (27½ - 39½") ALL Then for Ø up to 650mm (25½"): 800mm (31½") for tapered Seeflex O60ES 1,000mm (39½") for Seeflex O60ES, FM1 & Blanking Bins/Socks 1,500mm (59") for LM3, LM4 & Teflex 2,000mm (6ft 6½") for Seeflex O40AS 4,000mm (13ft 1½") for Flexi, Flexi-Light/Earthed 6,000mm (19ft 8") for Seeflex O20E/O40E	500mm (20") Ø from 550 - 1,000mm (21½ - 39½") - Plastic rings only 2,000mm (6ft 6½") for O40AS (Ø up to 500mm (19½")) 4,500mm (14ft 9") Ø up to 500mm (19½")	89mm (3½") - head = 37mm (1½") - tail = 52mm (2¼")
OTHER	The smallest installation gap a connector can be fitted into is 65mm (2½") for an 80mm (3") long connector. Note: This may not be suitable for frequently changed connectors or those with more than a small amount of vibratory movement. Blanking caps and socks/bins available from 100mm to 650mm diameter. All Ø 800mm (31½") & over have finger-loops as standard to aid installation from one side	Distance between spigot & rings: for 150mm (6") long = 75mm (3") for all other lengths = 100mm (4") Multiple rings evenly spaced at a min: 100mm apart for CL <850mm (max. 4 rings) 200mm apart for CL ≥850mm (max. 10 rings) Only Seeflex O40E, Seeflex O40AS, LM3, LM4 and Teflex are supplied with rings (Seeflex O20E on request only). Maximum number of rings: 10 Tapered connectors cannot be made with rings	Diameter (Ø) Measurements: 100mm (4") Ø is measured to outside edge (OD) (to fit standard tube) 125mm (5") Ø & over measured to inside edge (ID) (to fit standard pipe) Wall Thickness: 100mm (4") Ø are 1.5mm (¼") 125mm (5") Ø & up are 2mm (⅝") Available in T304L SS and T316L SS , as well as C22 Hastelloy Internal finish of the stainless steel is 0.8Ra micro-metres (32Ra micro-inches).