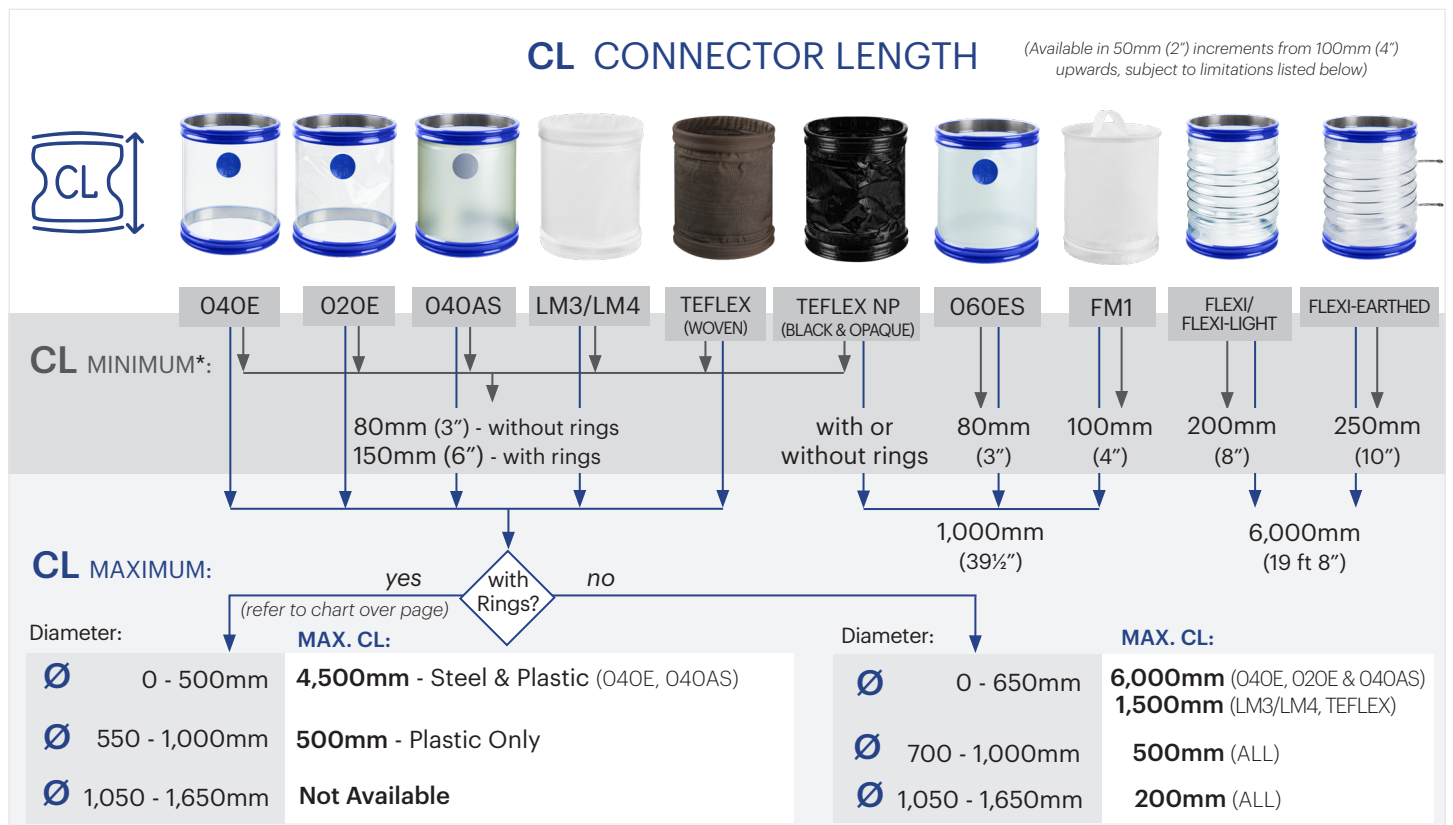
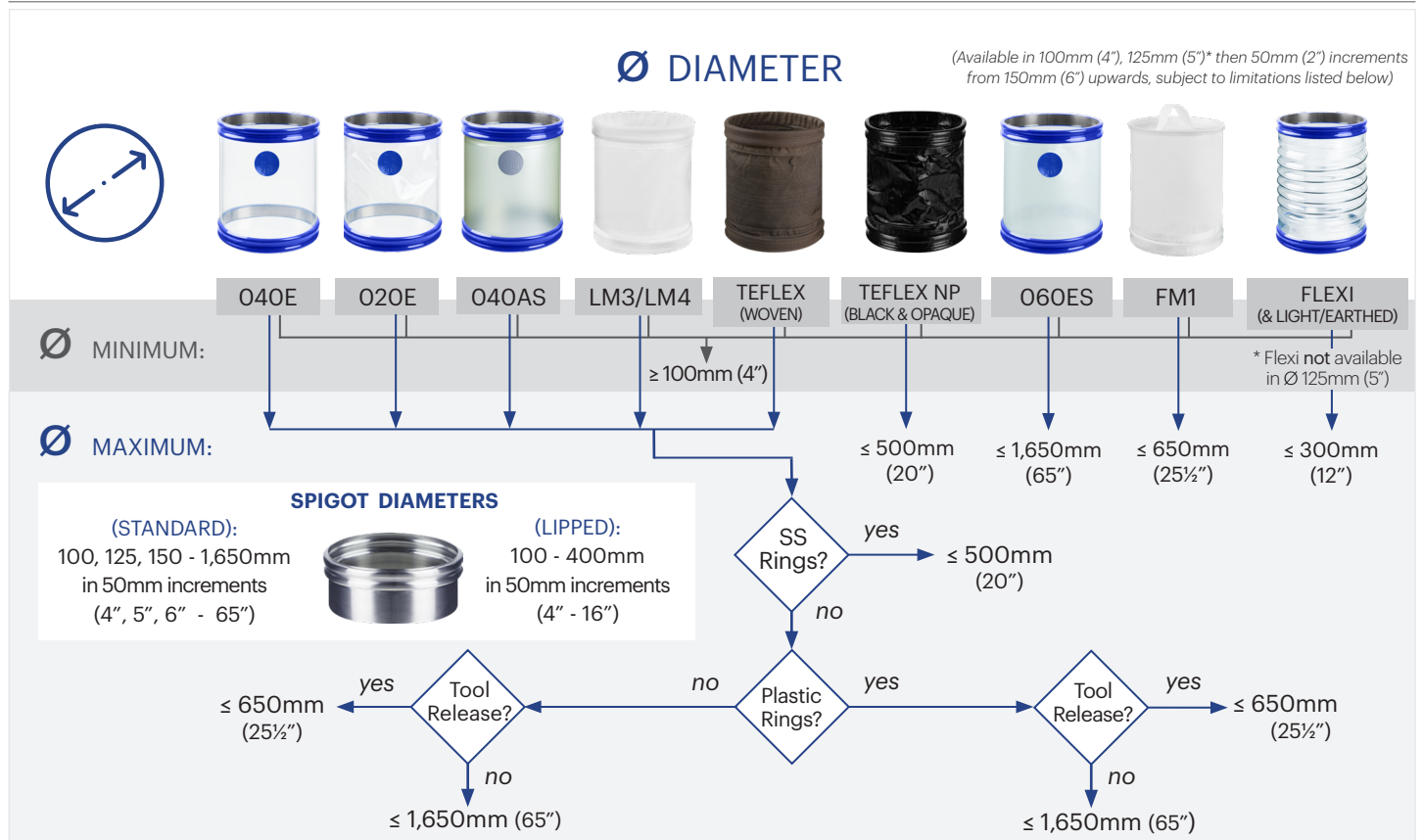






# Quick Reference Limitations Summary



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

# Quick Reference Connector Facts

	O20E	O40E	O40AS	O60ES	Teflex NP (Black)	Flexi (& Flexi Light/ Earthed)	LM4	LM3	Teflex	FM1	Teflex NP (Opaque)
<b>OPERATING TEMPERATURE (Continuous)</b>	-25 - 80°C (-13 - 176°F)	-25 - 110°C (-13 - 230°F)	-25 - 95°C (-13 - 203°F)	-25 - 120°C (-13 - 248°F)	-73 - 300°C (-99 - 572°F)	-20 - 85°C (-4 - 185°F)	≤ 130°C (266°F)	-70 - 94°C (-94-201°F)	≤ 260°C (500°F)	≤ 130°C (266°F)	-73 - 300°C (-99 - 572°F)
<b>(Surge)</b>	100°C (212°F)	120°C (248°F)	100°C (212°F)	140°C (284°F)	316°C (600°F)	-	150°C (302°F)	107°C (225°F)	280°C (536°F)	150°C (302°F)	316°C (600°F)
<b>MAXIMUM OPERATING PRESSURE</b>	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	24.0 PSI 165.474 KPA 1.655 BAR	3.0 PSI 20.684 KPA 0.2069 BAR	-	-	-	-	-	3.0 PSI 20.684 KPA 0.2069 BAR
<b>SURFACE RESISTIVITY (Ohms)</b>	10 <sup>10</sup>	10 <sup>10</sup>	10 <sup>8</sup>	10 <sup>10</sup>	10 <sup>6</sup>	N/A	10 <sup>9</sup>	10 <sup>8</sup>	Insulative	10 <sup>8</sup>	Insulative
<b>FDA Approved</b> 	21 CFR 177.1680 & 177.2600	21 CFR 177.1680 & 177.2600	21 CFR 177.1680 & 177.2600	21 CFR 177.1680 & 177.2600	21 CFR 177.1550 & 178.3297	21 CFR 177.1680 & 177.105 (adhesives) & 177.2600	21 CFR 177.2800	21 CFR 177.1680 & 177.2600	21 CFR 177.1550	21 CFR 177.2800	21 CFR 177.1550
<b>3-A Certified*</b> 	Yes ( 20- )	Yes ( 20- )	Yes ( 20- )	Yes ( 20- )	TBC	Yes ( 20- )	-	-	-	-	TBC
<b>EU Approved</b> 	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 & 10/2011	EC 1935/2004 10/2011	EC 1935/2004 2023-2006 & 10/2011	EC 1935/2004 & 10/2011	EC 1935/2004 & 10/2011	-	-	EC 1935/2004 10/2011
<b>ATEX Certified</b> 	All dust explosion hazardous areas (some restrictions apply).							Restrictions apply.		-	-

	<b>CONNECTORS (without rings)</b> (Length given is 'body' measurement excluding the cuffs)	<b>WITH RINGS</b> (Available in PE (plastic) and 6mm (¼") SS (stainless steel))	<b>SPIGOTS</b>
<b>MINIMUM DIAMETER</b> 	<b>100mm (4") for all</b> (then available at 125mm (5") & 150mm (6") and in 50mm (2") incr.) <i>NB: Flexi not available in 125mm (5") diameter</i>	<b>100mm (4")</b>	<b>100mm (4")</b> then 125mm (5") & 150mm (6") upwards in 50mm (2") increments <i>(Lipped spigots not available in 125mm)</i>
<b>MAXIMUM DIAMETER</b> 	<b>300mm (12") for Flexi, Flexi Light, Flexi Earthed</b> <b>500mm (20") for NP (Black &amp; Opaque)</b> <b>650mm (25½") for TR (Tool Release) &amp; FM1</b> <b>1,650mm (65") for standard, Blanking Caps &amp; Socks/Bins, Kevlar Covers</b>	<b>500mm (20") for Stainless Steel Rings</b> <b>1,650mm (65") for Plastic Rings</b>	<b>400mm (16") - Lipped spigots</b> <b>1,650mm (65") - Standard spigots</b>
<b>MINIMUM LENGTH</b> 	<b>80mm (3")</b> (except as noted below) <b>100mm (4") FM1</b> <b>200mm (8") Flexi/Light, 250mm (10") Flexi-Earthed</b> <b>350mm (14") for fitting on an Allgaier type sifter</b>	<b>150mm (6")</b>	<b>37mm (1½") - standard spigots only</b> <i>NOTE: If tail is cut down, ensure to use a heat sink to prevent distorting the spigot when welding onto pipe.</i>
<b>MAXIMUM LENGTH</b> 	<b>200mm (8") Ø from 1,050 - 1,650mm (41 - 65") ALL</b> <b>500mm (20") Ø from 700 - 1,000mm (27½ - 39½") ALL</b> <b>Tapers - determined by Ø combination - contact us</b> <b>Then for Ø up to 650mm (25½"):</b> <b>1,000mm (39½") for Seeflex O60ES, Teflex NP, FM1 &amp; Blanking Bins/Socks, Kevlar Covers</b> <b>1,500mm (59") for LM3, LM4 &amp; Teflex</b> <b>6,000mm (19ft 8") for Seeflex O20E/O40E/O40AS, Flexi, Flexi-Light/Earthed</b>	<b>For Ø ≤ 500mm (19½"):</b> <b>1,000mm (39½") for Teflex NP &amp; Blanking Bins/Socks</b> <b>1,500mm (59") for LM3, LM4 &amp; Teflex</b> <b>4,500mm (14ft 9") for Seeflex O20E, O40E, O40AS</b>  <b>For Ø550 - 1,000mm (21½ - 39½")</b> <b>500mm (20") - Plastic rings only</b>	<b>Standard Spigots:</b> <b>89mm (3½")</b> - head = 37mm (1½") - tail = 52mm (2¾")  <b>Lipped Spigots:</b> <b>83mm (3¾")</b> - head = 37mm (1½") - tail = 46mm (1⅞")
<b>OTHER</b>	The <b>smallest installation gap</b> a connector can be fitted into is <b>65mm (2½")</b> for an 80mm (3") long connector. <b>Note:</b> This may not be suitable for frequently changed connectors or those with more than a small amount of vibratory movement.  <b>Blanking caps are 30mm (1⅞") in depth.</b>  All Ø <b>800mm (31½")</b> & over have <b>3 finger-loops as standard</b> to aid installation from one side.  All <b>Blanking Caps</b> have 1 finger loop.	<b>Distance between spigot &amp; rings:</b> for 150mm (6") long = 75mm (3") for all other lengths = <b>100mm (4")</b>  <b>Multiple rings evenly spaced at a min:</b> 100mm apart  Only <b>Seeflex O40E (incl Wash Sleeves &amp; Blanking Bins/Socks), Seeflex O40AS, LM3, LM4, Teflex &amp; Teflex NP</b> are supplied with rings (Seeflex O20E is on request only).  <b>Maximum number of rings:</b> 10 (except Teflex NP which is 8)  <b>Tapered connectors</b> cannot be made with rings  <b>PE (plastic) rings</b> have a maximum operating temperature of 110°C (230°F)	<b>Diameter (Ø) Measurements:</b> <b>100mm (4") Ø</b> is measured to outside edge (OD) of tail (to fit standard tube) <b>125mm (5") Ø</b> & over measured to inside edge (ID) of tail  A ± 2mm (¾") tolerance applies to the <b>tail diameter</b> measurement.  <b>Wall Thickness: 2mm (¾")</b>  <b>Standard spigots</b> available in <b>T304L SS</b> and <b>T316L SS</b> , as well as <b>C22 Hastelloy</b> <b>Lipped spigots</b> in <b>T304L SS</b> only  <b>Internal finish</b> of the stainless steel is ≤ <b>0.8Ra micro-metres</b> (32Ra micro-inches).

\* All BFM® fitting connectors comply with 3-A 60-64 Sanitary Fittings

(NB: Measurements in mm are exact, inches are approximate)