



NEW PRODUCT PREVIEW
HIGH-DENSITY POLYETHYLENE END CONNECTORS

FOR SDR 9, 11 AND 17 PIPING SYSTEMS

KEY FEATURES

- SDR 9 & 11 Available in sizes 1/2" - 4"
- SDR 17 Available in sizes 1-1/4" to 4"
- Hayward HDPE End Connectors are compatible with select Hayward PVC, CPVC or GFPP solutions only
- Butt Fusion Long Spigot Design - also suitable for electrofusion and socket weld systems
- Comply to ASTM D3261 dimensional requirements.
- Applications include but not limited to water and wastewater, mining, landfill and irrigation systems

OPTIONS

- Sizes Available Per ISO15494 Upon Request

MATERIALS

- High-density Polyethylene per ASTM D3350 Cell Classification PE44574C CC2, ASTM PE4710 / ISO PE100


TECHNICAL INFORMATION
SELECTION CHART

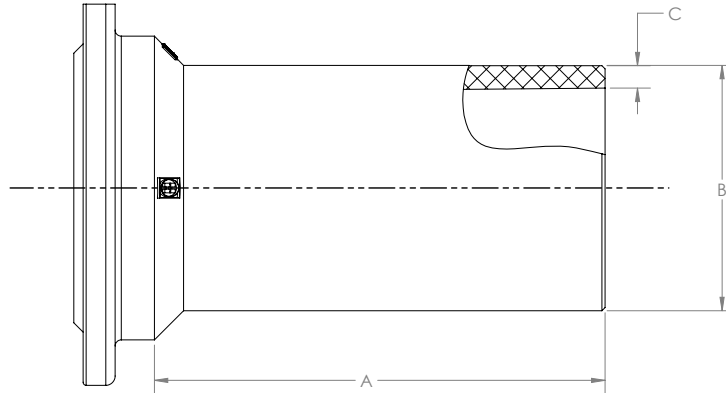
SIZE	SDR	PRESSURE RATING*	HAYWARD SERIES AVAILABILITY								
			SIZE in / mm	TBH	TB GFPP	TW/LA	TC	YC	YS	SB	FLV
1/2" - 4"	9	235 PSI @ 70°F 16 Bar @ 21°C Non-Shock	1/2	■	■	■	■	■	■	-	-
			3/4	■	■	■	■	■	■	-	-
			1	■	■	■	■	■	■	■	-
1/2" - 4"	11	180 PSI @ 70°F 12 Bar @ 21°C Non-Shock	1-1/4	■	■	-	■	■	■	-	-
			1-1/2	■	■	-	■	■	■	-	-
1-1/4" - 4"	17	125 PSI @ 70°F 8 Bar @ 21°C Non-Shock	2	■	■	■	■	■	■	■	■
			63mm	■	■	■	■	■	■	■	■
			3	■	■	■	■	■	■	■	■
			4	■	■	■	■	■	-	-	

†HDPE end connectors may be provided as a kit. Contact factory for metric sizes availability.
 *Pressure rating for HDPE fitting / system, not valve, strainer or filter solution. Refer to IOM for Pressure / Operating Temperature Chart.

HIGH-DENSITY POLYETHYLENE END CONNECTORS

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TECHNICAL INFORMATION, CONTINUED



DIMENSIONS

SDR 9	SIZE	A	B	C	D	WEIGHT
	in / mm	in / mm	in / mm	in / mm	in / mm	lbs / kg
	1/2	2.60 / 66	0.840 / 21.336	0.090 / 2.286	0.660 / 16.764	0.04 / 0.02
	3/4	2.89 / 73	1.050 / 26.670	0.117 / 2.972	0.816 / 20.726	0.07 / 0.03
	1	2.97 / 75	1.315 / 33.401	0.146 / 3.708	1.023 / 25.984	0.11 / 0.05
	1-1/4	3.43 / 87	1.660 / 42.164	0.184 / 4.674	1.292 / 32.817	0.24 / 0.11
	1-1/2	3.66 / 93	1.900 / 48.260	0.211 / 5.359	1.478 / 37.541	0.28 / 0.13
	2	4.37 / 111	2.375 / 60.325	0.264 / 6.706	1.847 / 46.914	0.47 / 0.21
	63mm	4.57 / 116	2.480 / 62.992	0.276 / 7.010	1.928 / 48.971	0.51 / 0.23
	3	5.80 / 147	3.500 / 88.900	0.389 / 9.881	2.722 / 69.139	1.39 / 0.63
	4	6.62 / 168	4.500 / 114.300	0.500 / 12.700	3.500 / 88.900	2.53 / 1.15

SDR 11	SIZE	A	B	C	D	WEIGHT
	in / mm	in / mm	in / mm	in / mm	in / mm	lbs / kg
	1/2	2.60 / 66	0.840 / 21.336	0.076 / 1.930	0.688 / 17.475	0.04 / 0.02
	3/4	2.89 / 73	1.050 / 26.670	0.095 / 2.413	0.860 / 21.844	0.07 / 0.03
	1	2.97 / 75	1.315 / 33.401	0.119 / 3.023	1.077 / 27.356	0.11 / 0.05
	1-1/4	3.43 / 87	1.660 / 42.164	0.151 / 3.835	1.358 / 34.493	0.23 / 0.10
	1-1/2	3.66 / 93	1.900 / 48.260	0.173 / 4.394	1.554 / 39.472	0.25 / 0.11
	2	4.37 / 111	2.375 / 60.325	0.216 / 5.486	1.943 / 49.352	0.42 / 0.19
	63mm	4.57 / 116	2.480 / 62.992	0.225 / 5.715	2.030 / 51.562	0.46 / 0.21
	3	5.80 / 147	3.500 / 88.900	0.318 / 8.077	2.864 / 72.746	1.24 / 0.56
	4	6.62 / 168	4.500 / 114.300	0.409 / 10.389	3.682 / 93.523	2.25 / 1.02

SDR 17	SIZE	A	B	C	D	WEIGHT
	in / mm	in / mm	in / mm	in / mm	in / mm	lbs / kg
	1-1/4	3.43 / 87	1.660 / 42.164	0.098 / 2.489	1.464 / 37.186	0.19 / 0.09
	1-1/2	3.66 / 93	1.900 / 48.260	0.112 / 2.845	1.676 / 42.570	0.23 / 0.10
	2	4.37 / 111	2.375 / 60.325	0.140 / 3.556	2.095 / 53.213	0.36 / 0.16
	63mm	4.57 / 116	2.480 / 62.992	0.146 / 3.708	2.188 / 55.575	0.39 / 0.18
	3	5.80 / 147	3.500 / 88.900	0.206 / 5.232	3.088 / 78.435	1.07 / 0.49
	4	6.62 / 168	4.500 / 114.300	0.264 / 6.706	3.972 / 100.889	1.86 / 0.84



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†Dimensions are subject to change without notice – consult factory for installation information

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Hayward Flow Control has been a leading manufacturer of industrial thermoplastic valves and process control products for more than 60 years. In fact, Hayward was one of the originators of the first thermoplastic ball valves. Since then, we have remained committed to producing the highest quality products while providing outstanding service.

Liquid Filters and Strainers



Bag Filter vessel

- GFPP
- PVC
- CPVC



Y Strainers

- PVC
- CPVC
- Clear PVC
- PVDF



Simplex Strainers

- PVC
- CPVC
- GFPP
- PVDF
- Eastar® (Clear)



Duplex Strainers

- PVC
- CPVC
- GFPP
- Eastar® (Clear)

Valves and Flow Control



Ball Valves

- PVC
- CPVC
- GFPP
- PVDF



Check Valves

- Ball Check Valves
- Y-Check Valves
- Wafer Check Valves
- Swing Check Valves



Pressure & Chemfeed

- Injection Quills
- Back Pressure
- Pressure Relief
- Diaphragm Valves
- Needle Valves
- Angle Globe Valves



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- PVC
- CPVC
- GFPP
- PP
- PVDF



Actuation

- Electric
- Pneumatic



Solenoid Valves

- PVC
- CPVC
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