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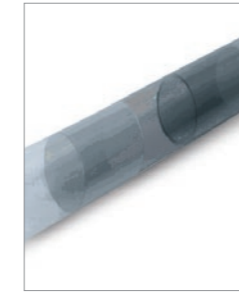
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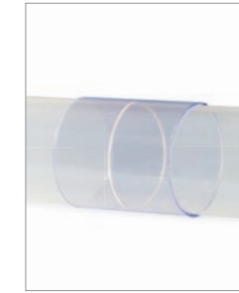
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Dekadur G

+ Benefits

- Optimal thermoforming
- Smooth inner surfaces reducing surface build up
- Dedicated optical properties for algae growth
- Superior chemical resistance (pH shifts, CIP process)
- Compatibility with optical functionalizers
- Variable jointing possibilities (welding, solvent cement, push-fit)
- Flexible concepts for durable UV protection
- European food approval available upon request
- Pipes can be dimensioned according to well-established DIN 8061/62 standards for PVC-U pressure pipes up to T = 40°C

Range (mm)

Pipe Size *	Pipe Codes	Bends Codes	O.D.	Average I.D.	Min. Wall
63	325063097	325063082	63	60.6	1.2
110	325110065	325110070	110	106.6	1.7

* Other dimensions available upon request

EnviroKing UV - ThinWall

+ Benefits

EnviroKing ThinWall is a low-pressure containment pipe, manufactured in IPS sizes and specifically optimized for use in photo-bioreactor applications.

- Improved transmission characteristics
- Chemical and corrosion-resistant
- Non-conductive
- Lightweight, easy to handle and install
- Lower overall costs of installation than glass, acrylic or other transparent alternatives
- Compatible with standard Schedule PVC fittings and valves

Range (inches)

Pipe Size	Pipe Codes	Nominal Pipe Size	O.D.	Average I.D.	Min. Wall	Nominal Wt./Ft.	Max. W.P. PSI **
2	HTW00200EK1000	2	2.375	2.173	0.091	0.456	80
3	HTW00300EK1000	3	3.500	3.210	0.135	0.966	80
4	HTW00400EK1000	4	4.500	4.134	0.173	1.569	80
6	HTW00600EK1000	6	6.625	6.251	0.172	2.391	70
8	HTW00800EK1000	8	8.625	8.251	0.172	3.134	53
10	HTW01000EK1000	10	10.750	10.376	0.172	3.923	43
12	HTW01200EK1000	12	12.750	12.376	0.172	4.666	36

** Pressure ratings shown are for water, non-shock at 73°F

EnviroKing UV - Schedule 40

+ Benefits

In addition to ThinWall, EnviroKing UV is also manufactured in IPS sizes to Schedule 40 dimensions, which provide sufficient wall thickness for algae systems.

- Chemical and corrosion-resistant
- Non-conductive
- Lightweight, easy to handle and install
- Lower overall costs of installation than glass, acrylic or other transparent alternatives
- Manufactured in IPS dimensions
- Fully compatible with standard Schedule PVC pipes, fittings and valves

Range (inches)

Pipe Size	Pipe Codes	Nominal Pipe Size	O.D.	Average I.D.	Min. Wall	Nominal Wt./Ft.	Max. W.P. PSI **
1/2	H0400050EK1000	1/2	0.840	0.602	0.109	0.170	300
3/4	H0400075EK1000	3/4	1.050	0.804	0.113	0.226	240
1	H0400100EK1000	1	1.315	1.029	0.133	0.333	220
1 1/4	H0400125EK1000	1 1/4	1.660	1.360	0.140	0.450	180
1 1/2	H0400150EK1000	1 1/2	1.900	1.590	0.145	0.537	170
2	H0400200EK1000	2	2.375	2.047	0.154	0.720	140
2 1/2	H0400250EK1000	2 1/2	2.875	2.445	0.203	1.136	150
3	H0400300EK1000	3	3.500	3.042	0.216	1.488	130
3 1/2	H0400350EK1000	3 1/2	4.000	3.521	0.226	1.789	120
4	H0400400EK1000	4	4.500	3.998	0.237	2.118	110
6	H0400600EK1000	6	6.625	6.031	0.280	3.733	90

** Pressure ratings shown are for water, non-shock at 73°F