

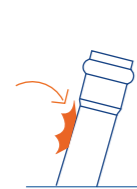
MEETS AWWA C900 PVC PIPE



**JOINTS WITH
LOCKED IN
GASKETS**

MANUFACTURED IN
BLUE COLOR CONFORMS
TO ANSI/AWWA C900.
GASKETS MEET
ASTM F447 AND
JOINTS COMPLY WITH
ASTM D3139

PVC C.I.O.D. Distribution Pipe Pressure Class 165, 235 and 305 psi 4" to 18"



Resistance:

CRESCO® C900 PVC pipe pressure class 165 (DR-25), 235 (DR-18) and 305 (DR-14) has an excellent long term hydrostatic strength to meet the high safety requirements commonly needed by municipal water systems.



Light Weight:

A 20 foot (6.1 m) length of 8" diameter pressure class 235 (DR-18) CRESCO® C900 PVC pipe weighs approximately 183 lbs (83 kg).



Corrosion Resistance:

CRESCO® C900 PVC is unaffected by electrolytic or galvanic corrosion, or any known corrosive soil.



Flow Capacity:

This CRESCO® C900 PVC pipe has a smooth interior that stays over long years of service with virtually no loss in carrying capacity.

CRESCO® C900 PVC pipe joints can be assembled quickly. The factory installed RIEBER type gasket provides a tight seal that protects the line from shock, vibration, earth movement and compensates for expansion and contraction of pipe lengths.

- › Factory installed gasket for ease of assembly
- › Spigot pipe end supplied with bevels from factory
- › The bell is an integral part of the pipe length

PIPE STIFFNESS				Burst - Test pressure at 73.4°F (23°C)			
CLASS	DR	psi	(kg/cm ²)	CLASS	DR	psi	(kg/cm ²)
165	25	128	9.00	165	25	535	37.6
235	18	364	25.60	235	18	755	53
305	14	815	57.30	305	14	985	69.3



EMMSA manufactures CRESCO® and DURAFORT by CRESCO® pipes.

CRESCO® and DURAFORT by CRESCO® has established itself as one of the most important brands in PVC and CPVC pipes in the country offering standard products of the highest quality.

We are highly ranked among the top PVC pipe manufacturers in México.



International Product Standard Certifications

- › CPVC SCH 80 certified to ASTM F441, NSF/ANSI 14 NSF/ANSI/CAN 61
- › PVC SCH 40 and SCH 80 certified to ASTM D1785, NSF/ANSI 14, NSF/ANSI/CAN 61
- › PVC pressure pipe C900 certified to AWWA C900, NSF/ANSI 14, NSF/ANSI/CAN 61

EMMSA currently has five production plants: Apodaca and García plants in Nuevo León, Los Mochis, Sinaloa, Mérida, Yucatán and León, Guanajuato.

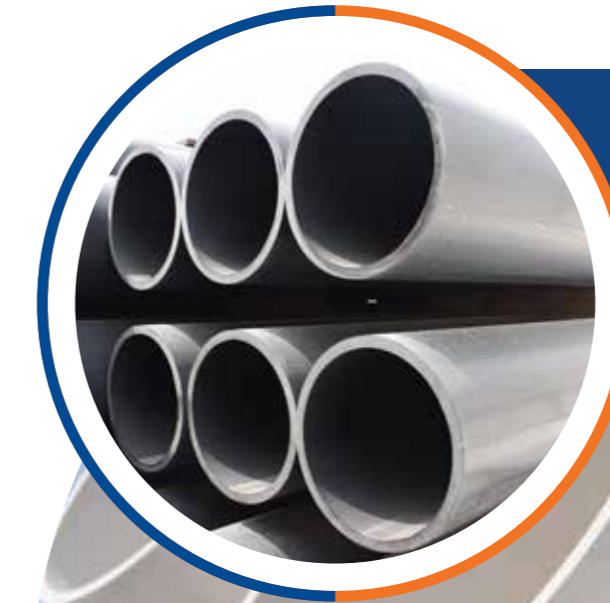


Professionals
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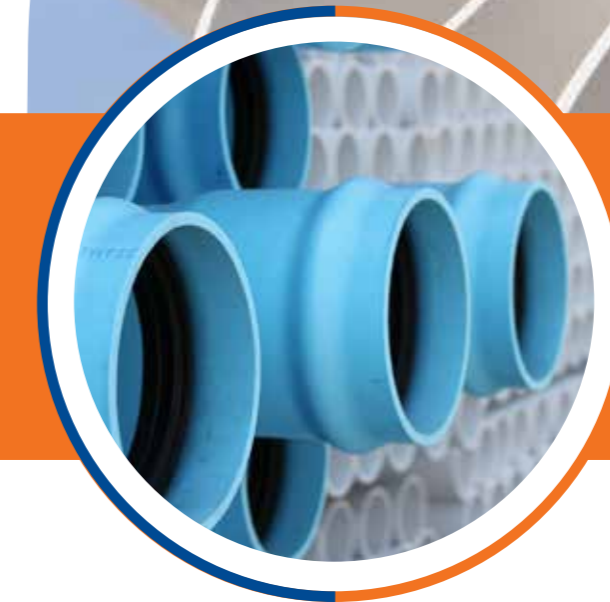
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Code: BROCHURE-30032021-CRE-PVF



**HIGH TECHNOLOGY
IN PLASTIC PIPE**



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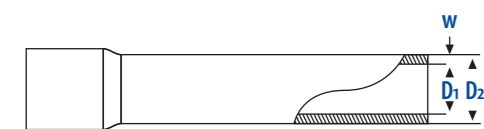
SCHEDULE 40 PVC PIPE



DURAFORT by CRESCO® SCHEDULE 40 PVC pipe in diameters from ½" to 16" is manufactured according to ASTM D1785, and is supplied with a bell on its edge to cement, saving a coupling for its installation.

- Light weight:** The pipe is light, which makes it easier to handle, transport, store, and install.
- Low coefficient of friction:** The pipes have a smooth interior that remains so throughout their useful life.
- Ease of installation:** Solvent cement bonding makes installation faster, reducing labor times, and labor costs.
- Corrosion resistance:** Due to its high resistance to the action of acids, bases and saline solutions.
- It does not transmit odor or taste:** So there is no contamination of the fluids that are conducted.

SCHEDULE 40 PVC PIPE SPECIFICATIONS										
Diameter	Average Outside Diameter (D ₁)		Average Inside Diameter (D ₂)		Minimum Wall (w)		Minimum Water Pressure at 73.4 °F (23 °C)		Average Pipe Weight	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
½"	0.840	21.34	0.609	15.5	0.109	2.8	600	42.1	0.157	0.23
¾"	1.050	26.67	0.810	20.6	0.113	2.9	480	33.7	0.210	0.31
1"	1.315	33.40	1.033	26.2	0.133	3.4	450	31.6	0.310	0.46
1¼"	1.660	42.16	1.363	34.6	0.140	3.6	370	26.0	0.420	0.62
1½"	1.900	48.26	1.593	40.5	0.145	3.7	330	23.2	0.504	0.75
2"	2.375	60.32	2.049	52.0	0.154	3.9	280	19.7	0.676	1.00
2½"	2.875	73.02	2.445	62.1	0.203	5.2	300	21.1	1.070	1.59
3"	3.500	88.90	3.042	77.3	0.216	5.5	260	18.3	1.410	2.10
4"	4.500	114.30	3.998	101.5	0.237	6.0	220	15.4	2.000	2.97
6"	6.625	168.28	6.031	153.2	0.280	7.1	180	12.6	3.520	5.23
8"	8.625	219.08	7.942	201.7	0.322	8.2	160	11.2	5.390	8.01
10"	10.750	273.05	9.976	253.4	0.365	9.3	140	9.8	7.550	11.22
12"	12.750	323.85	11.889	302.0	0.406	10.3	130	9.1	10.010	14.87
14"	14.000	355.60	13.126	333.4	0.437	11.1	130	9.1	11.801	17.53
16"	16.000	406.40	15.000	381.0	0.500	12.7	130	9.1	15.431	22.93



APPLICATIONS: Ideal for Semi-Industrial applications, residential and greenhouse irrigation, treatment plants, hydrosanitary facilities, chemical processes, swimming pools, HVAC, among others, where the operating temperature does not exceed 140°F (60°C).

SCH40 & SCH80
MANUFACTURED
ACCORDING TO THE
ASTM D1785

SCHEDULE 80 PVC PIPE



DURAFORT by CRESCO® SCHEDULE 80 PVC pipe in diameters from ½" to 16" is manufactured according to ASTM D1785, and is supplied with a bell on its edge to cement, saving a coupling for its installation.

- Light weight:** The pipe is light, which makes it easier to handle, transport, store, and install.
- Low coefficient of friction:** The pipes have a smooth interior that remains so throughout their useful life.
- Ease of installation:** Solvent cement bonding makes installation faster, reducing labor times, and labor costs.
- Corrosion resistance:** Due to its high resistance to the action of acids, bases and saline solutions.
- It does not transmit odor or taste:** So there is no contamination of the fluids that are conducted.

SCHEDULE 80 PVC PIPE SPECIFICATIONS										
Diameter	Average Outside Diameter (D ₁)		Average Inside Diameter (D ₂)		Minimum Wall (w)		Minimum Water Pressure at 73.4 °F (23 °C)		Average Pipe Weight	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
½"	0.840	21.34	0.535	13.6	0.146	3.7	850	58.6	0.208	0.309
¾"	1.050	26.67	0.732	18.6	0.154	3.9	690	47.6	0.283	0.422
1"	1.315	33.40	0.937	23.8	0.181	4.6	630	43.4	0.420	0.625
1¼"	1.660	42.16	1.260	32.0	0.193	4.9	520	35.9	0.577	0.860
1½"	1.900	48.26	1.481	37.6	0.200	5.1	470	32.4	0.702	1.045
2"	2.375	60.32	1.921	48.8	0.217	5.5	400	27.6	0.960	1.438
2½"	2.875	73.02	2.299	58.4	0.276	7.0	420	29.0	1.482	2.205
3"	3.500	88.90	2.875	73.0	0.299	7.6	370	25.5	1.974	2.938
4"	4.500	114.30	3.791	96.3	0.339	8.6	320	22.1	2.905	4.322
6"	6.625	168.28	5.720	145.3	0.433	11.0	280	19.3	5.537	8.239
8"	8.625	219.08	7.582	192.6	0.500	12.7	250	17.2	8.392	12.488
10"	10.750	273.05	9.514	241.8	0.591	15.0	230	15.9	12.479	18.568
12"	12.750	323.85	11.311	287.3	0.689	17.5	230	15.9	17.140	25.503
14"	14.000	355.60	12.424	315.7	0.752	19.1	220	15.4	20.557	30.587
16"	16.000	406.40	14.240	361.7	0.843	21.4	220	15.4	26.428	39.323



APPLICATIONS: Ideal for industrial applications, chemical processes, water treatment, potable water systems, agricultural and many other applications that involve the transfer of corrosive fluids where the operating temperature does not exceed 140°F (60°C).

CPVC pipe resin material is according to **ASTM D1784**

ASTM D1784 is a material standard for the extrusion of PVC and CPVC materials.

DIMENSIONS:

Schedule 80 CPVC Pipe Durafort by CRESCO is manufactured according to the standard **ASTM F441** diameters from ½" to 12".

SCHEDULE 80 CPVC
MANUFACTURED
ACCORDING TO THE
ASTM F441

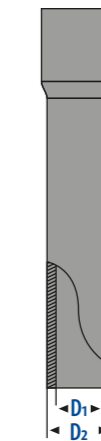
SCHEDULE 80 CPVC PIPE



DURAFORT by CRESCO SCHEDULE 80 CPVC® pipe is the best option for processes with high temperatures that require a high degree of durability, excellent chemical resistance and superior impact resistance that result in a long service life and the reduction of production stoppages due to corrective maintenance.

High heat resistance: Resin certified with High Deflection Temperature (HHDT "High Heat Deflection Temperature") that allows its use in the conduction of hot water or in industrial processes with temperatures of up to 199.4 °F (93° C).

Chemical and corrosion resistance: Offers greater resistance to corrosion than metallic pipes, especially when conducting aggressive chemicals at high temperatures.



SCHEDULE 80 CPVC PIPE SPECIFICATIONS										
Diameter	Average Outside Diameter (D ₁)		Average Inside Diameter (D ₂)		Minimum Wall (w)		Minimum Water Pressure at 73.4 °F (23 °C)		Average Pipe Weight	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
½"	0.840	21.3	0.533	13.5	0.147	3.7	850	59.8	0.208	0.309
¾"	1.050	26.7	0.728	18.5	0.154	3.9	690	48.5	0.284	0.422
1"	1.315	33.4	0.941	23.9	0.179	4.5	630	44.3	0.420	0.625
1¼"	1.660	42.2	1.261	32.0	0.191	4.9	520	36.6	0.578	0.860
1½"	1.900	48.3	1.482	37.6	0.200	5.1	470	33.0	0.702	1.045
2"	2.375	60.3	1.919	48.8	0.218	5.5	400	28.1	0.966	1.438
2½"	2.875	73.0	2.298	58.4	0.276	7.0	420	29.5	1.482	2.205
3"	3.500	88.9	2.873	73.0	0.300	7.6	370	26.0	1.975	2.938
4"	4.500	114.3	3.796	96.4	0.337	8.6	320	22.5	2.905	4.322
6"	6.625	168.3	5.722	145.3	0.432	11.0	280	19.7	5.537	8.239
8"	8.625	219.1	7.580	192.5	0.500	12.7	250	17.6	8.393	12.488
10"	10.750	273.1	9.511	241.6	0.593	15.1	230	16.2	12.479	18.568
12"	12.750	323.9	11.314	287.4	0.687	17.4	230	16.2	17.140	25.503

