



Maxi-Grip Stiffeners

Smith-Blair Maxi-Grip Stiffeners for Polyethylene and IPS PVC Pipe are designed to provide pipe support when installing couplings and other products requiring compression set on pipe surfaces.



Features:

- Color coded to quickly identify which PE SDR the stiffener is made for (catalog number and description stenciled/stamped on each part).
- Beveled end for an easier start.
- Designed to help prevent over insertion (flanged or weld bead).

Material Specifications		
Stiffener:	Carbon Steel	
Finish:	Fusion bonded epoxy [†] , unless otherwise noted	
Color Code:	SDR 17	Purple Epoxy
	SDR 13.5	White Epoxy
	SDR 11.5	Red Epoxy
	SDR 11	Black Epoxy
	SDR 10	Gray Epoxy
	SDR 9.3	Blue Epoxy
	SDR 9	Yellow Epoxy
	SDR 7	Pink Paint
Material Specifications are subject to change.		

Note: The stiffener is required to fit snugly into the PE pipe to ensure proper support.

Smith-Blair, Inc. products are marked in accordance with D.O.T. Regulation 192, Paragraph 192.63 (A) (2).

Nom. Pipe Size Inches	Pipe O.D. Inches	*SDR	Stiffener O.D.	Stiffener Length	Catalog Number	Wt. Each Lbs.
1 1/4	1.660	6	1.050	8	C10508	0.33
		9	1.254	8	C12548	1.00
		9.33	1.260	8	C12608	1.00
		10	1.286	8	C12868	1.00
		11	1.312	8	C13128	1.14
		13.5	1.400	8	C14008	1.23
		17	1.434	8	C14348	0.68
2	2.375	9	1.812	8	C18128	1.45
		9.33	1.823	8	C18238	1.47
		11	1.900	8	C19008	1.50
		13.5	2.000	8	C20008	1.50
		17	2.075	8	C20758	1.50
		21	2.125	8	C21258	1.93
		26	2.175	8	C21758	1.95
3	3.500	9	2.665	8	C26658	1.80
		9.33	2.688	8	C26888	1.80
		11	2.812	8	C28128	1.82
		11.5	2.844	8	C28448	1.85
		13.5	2.950	8	C29508	2.50
		17	3.074	8	C30748	3.09
4	4.500	9	3.435	8	C34358	3.25
		9.33	3.460	8	C34608	3.25
		11	3.606	8	C36068	3.06
		11.5	3.625	8	C36258	3.07
		13.5	3.800	8	C38008	3.51
		17	3.940	8	C39408	5.68
6	6.625	21	4.046	8	C40468	7.38
		9	5.049	8	C50498	6.00
		9.33	5.105	8	C51058	6.00
		11	5.340	8	C53408	6.10
		11.5	5.362	8	C53628	6.57
		13.5	5.540	8	C55408	10.46
17	5.800	8	C58008	10.00		
21	5.905	8	C59058	9.00		

[†]Fusion bonded epoxy is for SDR color identification, not for corrosion protection.

*According to ASTM D-2513

Catalog number corresponds to the O.D. and effective length of the stiffener.



Maxi-Grip Stiffeners for Polyethylene Pipe

Nom. Pipe Size Inches	Pipe O.D. Inches	*SDR	Stiffener O.D.	Stiffener Length	Catalog Number	Wt. Each Lbs.
8	8.625	9	6.568	8	C65688	10.50
		9.33	6.625	8	C66258	11.00
		11	6.924	8	C69248	12.00
		11.5	7.000	8	C70008	13.00
		13.5	7.233	8	C72338	15.00
		17	7.510	8	C75108	14.00
		21	7.694	8	C76948	14.00
10	10.750	9	8.170	10	C817010	16.25
		11	8.650	10	C865010	16.50
		11.5	8.717	10	C871710	16.60
		13.5	9.030	10	C903010	18.00
		17	9.380	10	C938010	18.50
12	12.750	11	10.268	10	C1026810	22.50
		11.5	10.360	10	C1036010	23.25
		13.5	10.725	10	C1072510	24.25
		17	11.150	10	C1115010	25.25

*According to ASTM D-2513

Catalog number corresponds to the O.D. and effective length of the stiffener.

Other sizes are available on request.

Expanded stiffener with PE pup available for larger sizes (6" nominal and up).

Maxi-Grip Stiffeners for IPS PVC Pipe

Nom. Pipe Size Inches	Pipe O.D. Inches	**Schedule	Stiffener O.D.	Stiffener Length	Catalog Number	Wt. Each Lbs.
1 1/4	1.660	40	1.360	8	C13608	1.13
		80	1.250	8	C12508	1.00
		120	1.204	8	C12048	0.77
2	2.375	40	2.047	8	C20478	1.28
		80	1.913	8	C19138	1.50
		120	1.845	8	C18458	1.63
3	3.500	40	3.042	8	C30428	3.0
		80	2.875	8	C28758	17.0
		120	2.758	8	C25788	15.0
4	4.500	40	4.000	8	C40008	7.0
		80	3.789	8	C37868	6.0
		120	3.574	8	C35748	26.0
6	6.625	40	6.031	8	C60318	10.0
		80	5.709	8	C57098	12.0
		120	5.434	8	C54348	9.0
8	8.625	40	7.942	8	C79428	16.0
		80	7.565	8	C75658	14.0
		120	7.105	8	C71058	15.0

**According to ASTM D-1785