

IPP FLeXstorm Inlet Filters - Product Selection Guide

CURB BOX (includes MAGNaCURB magnetic rear curb protectors)									
Curb Box Images	DOT Standard	ST	Neenah Foundry	East Jordan	Base FLeXstorm P/N	Grate Size (Width x Depth)	Casting Clear Opening (Width x Depth)	FLeXstorm Flange "FW" x "FD"	FLeXstorm Channel "CW" x "CD"
			R3235	7205	CB-2011	20 x 10.9	18.5 x 9.0	19.7 x 10.2	17.5 x 9.0
			R3275	7000	CB-2117	19.9 x 17	18 x 15	19.7 x 15.7	17.5 x 14.5
	8, 9	IN	R3286-8V/9V	7520-T1	CB-2216	21.4 X 17	19.4 X 16.0	21.2 x 16.2	19.0 x 15.0
	3	IL	R3278-A, R3501-A	7220, 7221	CB-2217	21.6 x 15.6	19.7 x 13.5	21.2 x 14.2	19.0 x 13.0
	K, C, CX	MI	R3236	7045Z, 7050T, 7066Z	CB-2219	22.0 x 16.9	20.0 x 15.5	21.7 x 15.7	19.5 x 14.5
			R3010		CB-2315	22.25 x 18.6	20.25 x 15.5	22.2 x 15.7	20.0 x 14.5
			R3501-L1A	7010	CB-2316	23 x 16	20.25 x 13	22.2 x 13.7	20.0 x 12.5
	21	IL	R3527-V	7540	CB-2323	23 X 16	21.5 X 15	22.7 x 15.2	20.5 x 14.0
	H	MI		7075M1	CB-24424	22.5 x 22.5	20.5 x 20.5	22.2 x 21.2	20.0 x 20.0
	11	IL	R3281-A	7210	CB-2911	24.25 x 23.625	23 x 22	24.2 x 22.7	22.0 x 21.5
	10, 11	IN	R3287-10V	7505	CB-3516	28.75 x 11.4	27 x 10	28.7 x 11.2	26.5 x 10.0
			R3067, R3246		CB-3518	34.75 x 15.6	33 x 14	34.7 x 14.7	32.5 x 13.5
				7030	CB-3618	35.2 x 17.5	33 x 15	34.7 x 15.2	32.5 x 14.0
			R3246-A	7510	CB-3624	35.5 x 17.75	33.2 x 15.5	35.2 x 16.2	33.0 x 15.0
						35.8 x 23.8	33.4 x 21	35.2 x 21.7	33.0 x 20.5
FLAT - RECTANGULAR									
Flat - Rectangular Images	DOT Standard	ST	Neenah Foundry	East Jordan	Base FLeXstorm P/N	Grate Size (Width x Depth)	Casting Clear Opening (Width x Depth)	FLeXstorm Flange "FW" x "FD"	FLeXstorm Channel "CW" x "CD"
				5090	F-1818	18 x 18	16.25 x 16.25	17.7 x 17.7	15.5 x 15.5
	2	IN	R3472	5340	F-2121	21.75 x 21.75	19.6 x 19.6	21.7 x 21.7	19.5 x 19.5
	4	IL	R3443-B	5150	F-2215	21.75 X 14.75	20 x 13	21.7 x 14.7	19.5 x 12.5
	D, DX, W	MI		5100, 5105	F-2222	22.25 x 22.25	20.125 x 20.125	21.7 x 21.7	19.5 X 19.5
	5	IN		5425	F-2322	22.5 x 22.5	(2) 20.687 x 19.5	22.2 x 21.7	20.0 x 19.5
	20/22	IL	R3528-V, R3529-V (2 GRTS)	7535, 5380, 7536 (2 GRTS)	F-2323	22.5 x 22.5	20.5 x 20.5	22.2 x 22.2	20.0 x 20.0
	23	IL	R3525-L	7464	F-2416	24 x 16.25	22.25 x 14.5	23.7 x 16.2	21.5 x 14
	24	IL	R3526-L	7467	F-2422	24 x 22.25	21.75 x 20.5	23.7 x 22.2	21.5 x 20
				5250	F-2424	23.625 x 23.625	22.125 x 22.125	23.7 x 23.7	21.5 x 21.5
				R3562	F-2626	26 x 26	24 x 24	25.7 x 25.7	23.5 x 23.5
				5115	F-2727	27 x 27	25 x 25	26.7 x 26.7	24.5 x 24.5
	13	IN	R3360-A	5335	F-3017	29.75 x 16.75	27.5 x 14.5	29.7 x 16.2	27.5 x 14
	NA		R3077 (2 GRTS)		F-3018	29.75 x 17.75	28 x 16	29.7 x 17.7	27.5 x 15.5
	7	IN	R4215-C	6610	F-3434	33.875 square	29.5 X 29.5	31.2 x 31.2	29.0 x 29.0
	B (ISTHA)	IL	R3455C	V5660	F-3624	36 x 24	34 x 22	35.7 x 23.7	33.5 x 21.5
ROLLED CURB									
Rolled Curb Images	DOT Standard	ST	Neenah Foundry	East Jordan	Base FLeXstorm P/N	Grate Size (Width x Depth)	Casting Clear Opening (Width x Depth)		
	2	IL	R3501-D2, -A	7170	RC-2216	22.25 x 16.25	21 x 16		
	6	IL	R3502-A	7235	RC-2223	22 x 22.75	20.25 x 22		
	J	MI		7065Z, 7085M1	RC-2424	24.25 x 23.5	22.125 x 20		
	NA		R3501-M		RC-2428	24 x 28.1	22 x 26.1		
	31	IL	...	7250	RC-2618	25.75 x 18.75	24 x 17		
	NA		R3501-P	7525	RC-2619	25.7 x 19	23.6 x 18		
	NA		R3501-TR	7495	RC-2624	26 x 23.5	26.1 x 21.5		
	12	IL	R3503, -B	7180	RC-2917	28.75 x 17.25	26.9 x 15.3		
GUTTER / V-GRATE									
V-Grate Images	DOT Standard	ST	Neenah Foundry	East Jordan	Base FLeXstorm P/N	Grate Size (Width x Depth)	Casting Clear Opening (Width x Depth)		
	10	IL	R3506-A2	7281	G-1919	19.25 x 19.25	17.25 x 17.1		
	9, G2 (ISTHA)	IL	R3508-A2	7300	G-2222	22.75 x 22.4	20.8 x 20.5		
	G3/G4 (ISTHA)	IL	R3501-U	7545	G-2234X	13.75 / 20.2 x 22.12	2 grates		




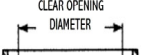



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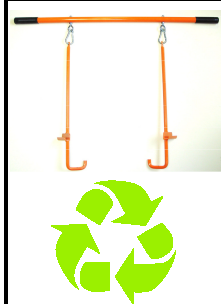


Note: IPP can configure a FLeXstorm Inlet Filter for ANY casting model. Please provide casting make and model number if you don't see it in the selection guide.

IPP FLeXstorm Inlet Filters - Product Selection Guide

ROUND CASTINGS									
Round Images	DOT Standard	ST	Neenah	East Jordan	Base FLeXstorm P/N	Grate Size (Dia)	Casting Clear Opening (Dia)	FLeXstorm Flange dia "Fdia"	FLeXstorm Channel dia "Cdia"
    			2510-1		R-1500	15.75	15.0	15.4	13.2
			2525-E		R-1700	18	17.0	17.5	15.4
			2525-F, 2525-G, 2565-A, 2570, 2586-E	1160, 2900, 2982-20	R-1800	20.0 - 21.0	18 - 18.8	19.5	17.4
	A, P	MI	1700-A (2060), 1707 (2571-B), 1710 (2533), 1765 (2466-A), 2535, 2549, 2560-C1, 2560-D, 2560-D1, 2571-A, 2571-C, 2579, 2586-G, 2588-A	1030, 1060, 1130, 1135, 1140, 1170, 1171, 1180, 1190, 1490, 1641, 2850	R-2000	21.75 - 22.75	20.0	21.4	19.3
			1690-A (2510), 1711-B (2461-A), 1761 (2112), 1792-EG, 2510 A, 2540, 2560-C2, 2560-D2, 2563, 2564, 2586-H	1000, 1010, 1070, 1490, 1550, 1661	R-2100	22.0 - 22.75	20.5	22	19.9
	1	IL	1713 (2504), 1762 (2435), 1772 (2502), 1774 (2425), 2560-D5, 2560-D6, 2560-D7, 2560-D8, 2560-E, 2571-D, 2578	1020, 1022-1, 1022-2, 1022-3, 1037, 1050, 1050Z1, 1058, 1510, 1660, 1771, 1850, 1880	R-2200	22.5 - 23.5	21.0 - 21.5	22.6	20.5
	4, (B,Q)	IN, (MI)	1678-A (2422-A1), 1714 (2552), 1736 (2421-A), 1771 (2418), 2555, 2586-K, 2595-A, 2680	1118, 1119, 1120, 1120Z1, 1410, 1450, 1590, 1620, 1665, 1710, 1715, 2020, 2860, 2910, 2982-24	R-2250	23.0 - 24.0	21.5 - 22.0	23.3	21.2
			1726-A (2500), 1764, 2553, 2554, 2668, 2571-E	1460, 1600, 1690	R-2300	23.75 - 24.0	22.25 - 23.0	23.9	21.8
			1729 (2650)	1210, 1700, 1703	R-2400	24.5 - 25.625	23.0	24.8	22.7
			1723 (2401), 1792-FG, 2548, 2572, 2588-B,		R-2500	25.0 - 26.0	23.5	25.2	23.1
		2556, 2556-A, 2559, 2560-E series, 2561, 2573 series, 2577 series, 4353	1040, 1045, 1046, 1047, 1048, 1049, 1080, 1205, 1975, 2800, 2920	R-2550	25.75 - 25.9	24.0	25.5	23.4	
8, (G)	IL, (MI)	2501, 4349-c, 4360-d, 4352, 4350-e	2830, 2870, 6527	R-2600	Beehive, Ditch Grates	24.0 concrete or pipe	26.1	23.1	
		2565-F, 2565-G, 2586-M, 2588-C		R-2650	26.0-27.0	24.0	26.4	23.4	

PARTS, ACCESSORIES



2 person Maintenance Tool

MT2008

Replacement Sediment Bags available for all Inlet Filters.

Curb Box w/magnets, Round, Rectangular

SEDIMENT BAG OPTIONS

P/N Suffix Sediment Bag Material

- NW** NonWoven Polypropylene Geotextile
- O** Hydrocarbon Removal / Oil Absorbent Sediment Bag Booms (cost adder)
- W** Woven Monofilament Geotextile (cost adder)
- L** Leaf / Litter Sediment Bags

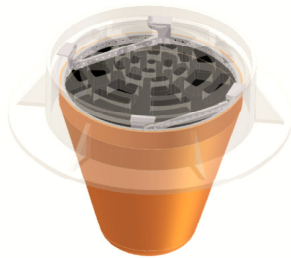


EXCHANGE / RECONDITION PROGRAM

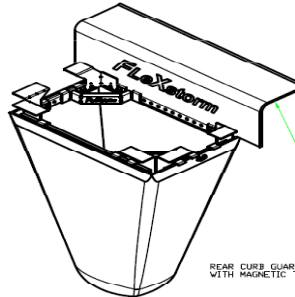
IPP will recondition and reconfigure any FLeXstorm frame providing a new bag and frame-casting designation - contact your local distributor or IPP for information.

FLEXSTORM

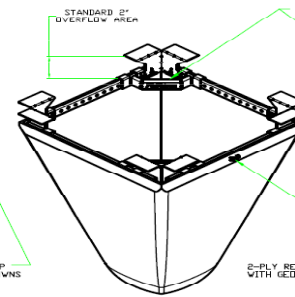
INLET FILTERS™



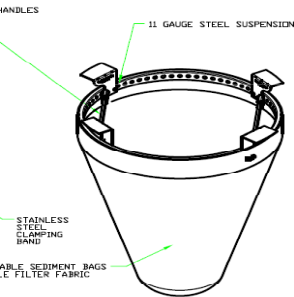
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TYPICAL CURB BOX INLET FILTER



TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER



TYPICAL ROUND INLET FILTER

IPP FLeXstorm Inlet Filter Specifications

Material Property	Test Method	Value (min ave)	
> Inner Filter Bag Specs (2 ft² min vol)			
Grzb Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (212 mm)	40 sieve (1.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3775	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1377	.040 +/- .005	
> Frame Construction			
A36 Structural Steel, 11 Gauge, Zinc Plated	ASTM A 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi	

INSTALLATION:

- REMOVE GRATE
- DROP FLEXSTORM INLET FILTER INTO CURB BOXING OR CONCRETE STRUCTURE
- REPLACE GRATE

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC
 (866) 287-8655 ph
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Note: IPP can configure a FLeXstorm Inlet Filter for ANY casting model. Please provide casting make and model number if you don't see it in the selection guide.