



PENTAIR HYPRO* HOLLOW CONE CERAMIC 80°



Ceramic hollow cone nozzles produce an 80° hollow cone spray pattern. Fine spray droplets provide needed coverage for fungicide and insecticide applications.

- ◆ Very fine droplets for dense canopy penetration
- ◆ Consistent droplet size across operating range of pressure

US UNITS

Nozzle Size	Flow Rate, GPM															
	at Pressure, PSI															
	45	60	75	90	100	115	130	145	160	175	190	200	215	230	245	275
005	0.052	0.061	0.066	0.074	0.079	0.085	0.089	0.095	0.100	0.103	0.108	0.111	0.116	0.119	0.124	0.129
0067	0.071	0.082	0.092	0.100	0.108	0.116	0.124	0.129	0.137	0.142	0.148	0.153	0.158	0.163	0.169	0.179
01	0.103	0.118	0.134	0.145	0.158	0.169	0.179	0.190	0.198	0.206	0.190	0.224	0.232	0.240	0.245	0.261
015	0.155	0.179	0.200	0.219	0.237	0.253	0.269	0.282	0.298	0.311	0.322	0.335	0.346	0.359	0.369	0.391
02	0.211	0.243	0.272	0.298	0.322	0.343	0.364	0.383	0.404	0.422	0.441	0.457	0.472	0.488	0.502	0.531
03	0.314	0.362	0.404	0.443	0.478	0.512	0.544	0.573	0.602	0.628	0.655	0.678	0.702	0.726	0.747	0.789
04	0.417	0.481	0.539	0.589	0.636	0.681	0.723	0.761	0.800	0.835	0.869	0.901	0.932	0.964	0.993	1.050
05	0.520	0.602	0.673	0.737	0.795	0.851	0.903	0.951	0.996	1.040	1.080	1.120	1.160	1.200	1.240	1.310

METRIC UNITS

Nozzle Size	Flow Rate, LPM																
	at Pressure, BAR																
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20
005	0.20	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.38	0.39	0.41	0.42	0.44	0.45	0.47	0.49	0.51
0067	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52	0.54	0.56	0.58	0.60	0.62	0.64	0.68	0.70
01	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.72	0.85	0.88	0.91	0.93	0.99	1.01
015	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.52
02	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07
03	1.19	1.37	1.53	1.68	1.81	1.94	2.06	2.17	2.28	2.38	2.48	2.57	2.66	2.75	2.83	2.99	3.07
04	1.58	1.82	2.04	2.23	2.41	2.58	2.74	2.88	3.03	3.16	3.29	3.41	3.53	3.65	3.76	3.98	4.08
05	1.97	2.28	2.55	2.79	3.01	3.22	3.42	3.60	3.77	3.94	4.10	4.26	4.41	4.55	4.69	4.96	5.09

Features	
Common Use	Insecticides & Fungicides
Pattern	Hollow Cone
Technology	Swirl
Material	Ceramic
Spray Angle	80°
Pressure Range	40-350 PSI
Configuration	Tips
Application Selection Guide	
Foliar Contact	Very Good
Foliar Systemic	Good
Soil Applied	Poor
Drift Control	Poor
Part Numbers	
Tips 80°	FastCaps
HCC80-005	FC-HCC80-005
HCC80-0067	FC-HCC80-0067
HCC80-01	FC-HCC80-01
HCC80-015	FC-HCC80-015
HCC80-02	FC-HCC80-02
HCC80-03	FC-HCC80-03
HCC80-04	FC-HCC80-04
HCC80-05	FC-HCC80-05



PENTAIR HYPRO AIR INDUCTION HOLLOW CONE CERAMIC 80°



Produces an 80° hollow cone spray pattern. Air induction technology greatly reduces spray drift potential while maintaining coverage for fungicide and insecticide applications.

- ◆ Significant drift reduction compared to standard hollow cone nozzles without sacrificing coverage
- ◆ Resistant to clogging due to round bore

US UNITS

Nozzle Size	Flow Rate, GPM															
	at Pressure, PSI															
	45	60	75	90	100	115	130	145	160	175	190	200	215	230	245	275
01	0.103	0.119	0.134	0.145	0.158	0.169	0.179	0.190	0.198	0.21	0.190	0.224	0.232	0.240	0.246	0.261
015	0.156	0.179	0.200	0.219	0.237	0.253	0.269	0.282	0.298	0.311	0.322	0.335	0.346	0.359	0.369	0.391
02	0.211	0.243	0.272	0.298	0.322	0.343	0.364	0.383	0.404	0.423	0.441	0.457	0.472	0.488	0.502	0.531

METRIC UNITS

Nozzle Size	Flow Rate, LPM																
	at Pressure, BAR																
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20
01	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.72	0.85	0.88	0.91	0.93	0.99	1.01
015	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.52
02	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07

Features	
Common Use	Insecticides & Fungicides
Pattern	Hollow Cone
Technology	Swirl
Material	Ceramic
Spray Angle	80°
Pressure Range	40-350 PSI
Configuration	Tips
Application Selection Guide	
Foliar Contact	Very Good
Foliar Systemic	Good
Soil Applied	Poor
Drift Control	Fair
Part Numbers	
Tips 80°	FastCaps
IHCC80-01	FC-IHCC80-01
IHCC80-015	FC-IHCC80-015
IHCC80-02	FC-IHCC80-02



375 Fifth Avenue NW | New Brighton, MN 55112 | United States | 651-766-6300 | F: 651-766-6600 | hypro.sales@pentair.com | pentair.com

*For a detailed list of where Pentair trademarks are registered, please visit www.pentair.com/en/registrations.html. Pentair trademarks and logos are owned by Pentair PLC, or its affiliates. Third party registered and unregistered trademarks and logos are the property of their respective owners.

Form 19007-HYP (5/28/19) ©2019 Pentair PLC. All Rights Reserved.