

HARDI ISO F-80 – Flat fan nozzles

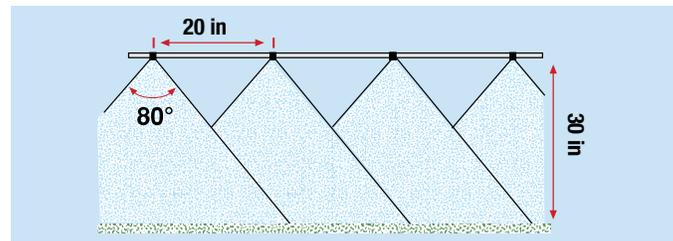


This nozzle has an 80° spray angle. On boom sizes from 80 ft to 132 ft the boom height is often higher than 20" above the target. 80° nozzles provide good coverage with reduced drift risk at these higher boom heights and are also adaptable to band spraying.

- ISO – flow, color and outer dimensions
- Spray angle – 80°
- Working pressure – 20 to 70 PSI
- SYNTAL – precision molded thermoplastic
- CERAMIC – extremely high durability

The 80° nozzle is suitable for big booms or row crop / band spraying with either low boom or nozzles at droplets.

For use in cotton, sugar cane, sugar beets etc. The 80° nozzles can be fitted on HARDI sprayers using the 334083 ISO/INJET cap.



	PSI	GPM	GPA at MPH								
			6	7	8	10	12	14	16	18	
01-Orange	20	0.071	-	3.5	3.0	2.6	2.1	1.8	1.5	1.3	1.2
	30	0.087	-	4.3	3.7	3.2	2.6	2.1	1.8	1.6	1.4
	40	0.100	-	5.0	4.2	3.7	3.0	2.5	2.1	1.9	1.7
	50	0.112	-	5.5	4.7	4.2	3.3	2.8	2.4	2.1	1.8
	60	0.122	-	6.1	5.2	4.5	3.6	3.0	2.6	2.3	2.0
	70	0.132	-	6.5	5.6	4.9	3.9	3.3	2.8	2.5	2.2
			SYNTAL-S 371931 (12 pcs. 750640)								

	bar	l/min	l/ha at km/h								
			6	7	8	10	12	14	16	18	
02-Yellow	20	0.144	-	7.0	6.0	5.3	4.2	3.5	3.0	2.6	2.3
	30	0.173	-	8.6	7.3	6.4	5.1	4.3	3.7	3.2	2.9
	40	0.200	-	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3
	50	0.224	-	11.1	9.5	8.3	6.6	5.5	4.7	4.2	3.7
	60	0.245	-	12.1	10.4	9.1	7.3	6.1	5.2	4.5	4.0
	70	0.265	-	13.1	11.2	9.8	7.9	6.5	5.6	4.9	4.4
			SYNTAL-S 371933 (12 pcs. 750642)						CERAMIC-CT 371921 (12 pcs. 750603)		
			CERAMIC-S 371907 (12 pcs. 750610)								

	PSI	GPM	GPA at MPH								
			6	7	8	10	12	14	16	18	
015-Green	20	0.106	-	5.3	4.5	3.9	3.2	2.6	2.3	2.0	1.8
	30	0.130	-	6.4	5.5	4.8	3.9	3.2	2.8	2.4	2.1
	40	0.150	-	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5
	50	0.168	-	8.3	7.1	6.2	5.0	4.2	3.6	3.1	2.8
	60	0.184	-	9.1	7.8	6.8	5.5	4.5	3.9	3.4	3.0
	70	0.198	-	9.8	8.4	7.4	5.9	4.9	4.2	3.7	3.3
			SYNTAL-S 371932 (12 pcs. 750641)			CERAMIC-CT 371920 (12 pcs. 750602)					
			CERAMIC-S 371906 (12 pcs. 750609)								

	bar	l/min	l/ha at km/h								
			6	7	8	10	12	14	16	18	
03-Blue	20	0.212	-	10.5	9.0	7.9	6.3	5.3	4.5	3.9	3.5
	30	0.260	-	12.9	11.0	9.6	7.7	6.4	5.5	4.8	4.3
	40	0.300	-	14.9	12.7	11.1	8.9	7.4	6.4	5.6	5.0
	50	0.335	-	16.6	14.2	12.5	10.0	8.3	7.1	6.2	5.5
	60	0.367	-	18.2	15.6	13.6	10.9	9.1	7.8	6.8	6.1
	70	0.397	-	19.6	16.8	14.7	11.8	9.8	8.4	7.4	6.5
			SYNTAL-S 371934 (12 pcs. 750643)			CERAMIC-CT 371922 (12 pcs. 750604)					
			CERAMIC-S 371908 (12 pcs. 750611)								

= Spray quality:
 Fine (F), Medium (M), Coarse (C), Very Coarse (VC).

The nozzles are available both as single nozzles (S) and as COLOR TIPS (CT), where the nozzle is integrated in the SNAP-FIT.

