



ICs Performance Guarantee Durability Chart
- Roland Solvent Printed Digital Inkjet Printer Graphics

[Reference Avery Dennison Graphics ICS Performance Guarantee \(Terms & Conditions\) for details](#)

Expected Durability in Years, vertical exposure zone 1¹

Reference Product Data sheet for recommended applications

MPI	DOL	Roland				Roland				Roland				Roland				Roland			
		Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor
1105, 1106HTEZ, 1060, 1903	1000 Max Series	7/2	7/2	3	8	5	5	3	8	4	4	2	7	4	4	2	6	3/1	3/1	1	7
	1300 Max Series	7/2	7/2	3	8	4	4	3	7	4	4	2	7	4	4	2	7	3/1	3/1	1	7
	1000Z Series	5	5	3	8	5	5	3	8	4	4	2	7	4	4	2	6	3	3	1	7
	1300Z, 1460Z Series	4	4	3	7	4	4	3	7	4	4	2	7	4	4	2	7	3	3	1	7
	6040	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	6460*	6/3	6/3	3	8	5/3	5/3	3	8	4/2	4/2	3	6	4/2	4/2	3	6	1/1	1/1	1	3
	Nazdar 3539 Clear	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1405	6460*	6/3	6/3	3	8	5/3	5/3	3	8	4/2	4/2	3	6	4/2	4/2	3	6	4/2	4/2	3	6
2050, 2105 EZ, 2105 EZRS, 2120, 2126 HTEZ, 2900, 2902, 2903, 2903 EZ, 2929, 2922, 2923, 2923 EZ	1000 Max Series	5	5	--	5	5	5	--	5	4	4	--	4	4	4	--	4	3	3	--	3
	1300 Max Series																				
	1000Z Series	5	5	--	5	5	5	--	5	4	4	--	4	4	4	--	4	3	3	--	3
	1300Z, 1460Z Series	4	4	--	4	4	4	--	4	4	4	--	4	4	4	--	4	3	3	--	3
	2000 Series, 6060	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3
	3000 Series, 6040	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2
3300, 3320, 3303, 3323, 3302, 3322	1000 Max, 1300 Max, 1000Z, 1300Z, 1400Z, 2000 Series	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3
	3000 Series, 6040	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2
2610, 2611 Wall Film	1000 Max, 1300 Max, 1000Z, 1300Z, 1400Z, 2000 Series	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3	3	3	--	3
	3000 Series, 6040	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2	2	2	--	2
2630 & 2631 Wall Film	Unprotected	--	--	--	2	--	--	--	2	--	--	--	2	--	--	--	2	--	--	--	2
2121 Transit Vinyl, 2921, 2921 EZ	1000 Max, 1300, Max, 1000Z, 1300Z, 1400Z, 2000, 3000 Series, 6040	1	1	--	1	1	1	--	1	1	1	--	1	1	1	--	1	1	1	--	1



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		Roland				Roland				Roland				Roland				Roland											
OEM Model		all models using				all models using				all models using				DGXPRESS				all models using				Roland							
Ink		Eco-Sol Max				Eco-Sol Max 2, ECO Xtreme, DG EJ				TR2, TE2, TH				D-EA				TR3											
MPI	DOL	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor								
2528 (50/50) 2728 (65/35)	1360 Optically Clear	1	1	-	2	1	1	-	2	1	1	-	2	1	1	-	2	1	1	-	2								
V8000, V4000	1000 Max Series, 1300 Max Series	5	5	3	8	5	5	3	8	4	4	2	6	4	4	2	6	3	3	1	5								
	1000Z Series	5	5	3	8	5	5	3	8	4	4	2	6	4	4	2	6	3	3	1	5								
	1300Z, 1460Z Series	4	4	3	7	4	4	3	7	4	4	2	6	4	4	2	6	3	3	1	5								

*DOL6460 when there are two numbers separated by a slash the first number designates vertical durability and the second number designates horizontal durability.

¹Zone 1 vertical exposure: Instructional Bulletin # 1.30 for durability guidelines. Unless otherwise stated, horizontal applications do not have any expectations of durability and Avery Dennison shall have no liability with respect to such installations. The exposure of films in the horizontal position voids any performance expectations as outlined in appropriate Product Data Bulletins and Instructional Bulletins. Films may retain legibility, but will not provide published Expected Durability for gloss, color retention, chalking, and overall aesthetic performance.

NOTES:

-If the stated durability of an approved allied component (ink, qualified clear coat) differs from that of the Avery Dennison material the finished graphics will be warranted for a period equal to the stated durability of the least durable component.

-This is an expected durability only. The printer maintains the ultimate responsibility for proper processing, ink drying, and print quality

-Unless otherwise stated, there is no expectation of durability for white, metallic, orange and green inks.

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NOTES for Roland:

-TR2 inks can be laminated after an 6 hour dwell period when properly ventilated

-TR2 inks maximum durability for White inks is 4 years, zone 1 vertical



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	OEM	Roland				Roland				Roland				Roland				Roland											
	Model	all models using				all models using				all models using				DGXPRESS				all models using				Roland							
	Ink	Eco-Sol Max				Eco-Sol Max 2, ECO Xtreme, DG EJ				TR2, TE2, TH				D-EA				TR3											
MPI	DOL	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor	Outdoor	Vehicles	Marine	Indoor				

-TR3 inks maximum durability for Green is 3 ryars zone 1 vertical. Red and Orange inks is 2 years, zone 1 vertical