

Industrial tapes (BOPP TAPE)

TECHNICAL DATA SHEET

Heavy duty applications in the industry require the sustainable range of tapes. These electrical tapes are capable to withstand extreme temperatures in the industries. Manufactured using quality PVC and acrylic compounds, these industrial tapes have excellent impact strength and are resistant to chemicals.

Application	Sno	Total Micron	Fim Micron	Film GSM	Adhesive Micron	Adhesive GSM	Total GSM	Variation	Roll ball Test Reading	180 Deg Peel Adhesion (gf/25mm)	Shear Adhesion	Roll Peel Test (gf/25mm)	Loop Test (gf/25mm)	
Medium Duty	1	43	25	21.75	18	18.34	40.09	=/- 2 Mic	44	447.8	554 min	48.03	940	
	2	45	25	21.75	20	19.42	41.17	=/- 2 Mic	43.8	463.3	660 min	48.8	961	
	3	47	25	21.75	22	20.50	42.25	=/- 2 Mic	38	465.8	689min	49.5	975	
Heavy Duty	1	43	29	25.93	14	16.18	42.12	=/- 2 Mic	61.8	410.7	656 min	46.7	864	
	2	45	29	25.93	16	17.26	43.20	=/- 2 Mic	49.2	412.8	861 min	46.9	931	
	3	47	29	25.93	18	18.34	44.28	=/- 2 Mic	47.6	419	984 min	48.7	945	
	4	49	29	25.93	20	19.42	45.35	=/- 2 Mic	44.8	440	1002min	49.3	971	
	5	51	29	25.93	22	20.50	46.43	=/- 2 Mic	41.4	443	1013 min	50	1028	
Testing Method and Test instruments Used														
	Sno	Item							Instrument Make and Name	ASTDM METHOD				
	1	Film and Adhesive Micron							Mitutoyo, Micron Meter	-				
	2	Roll Ball Test							Packtest Roll Ball Tester	ASTDM D 3121 PST C 6				
	3	180 Degree Pell Adhesion							Packtest, Tensile Tester	ASTDM 3330 PST C 101				
	4	Tensile Tester							Packtest, Tensile Tester	PST C 16				
	5	Roll Peel test							Packtest, Tensile Tester	ASTM D 3811 PST C 8				
	6	Shear Test							Packtest, Tensile Tester	ASTM D 3654 PST C 107				



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