

tesa AUTOMOTIVE

PE Foam Tape Assortment (March 2019)

Product family	Primerless Grade	High Temperature Performance Grade	High Initial Performance Grade	General Purpose Grade	
Product design	Three layers	Three layers	Three layers	Three layers	
Construction	PE foam with both sides LSE adhesive	PE foam with both sides pure acrylic adhesive	PE foam with both sides tackified acrylic adhesive	PE foam with both sides tackified acrylic adhesive	
Color	Black	Black	Black	Black	
Thickness [mm]	0.4		tesa® 62904		
	0.5	tesa® 64905	tesa® 62852	tesa® 62932	
	0.6		tesa® 62906		
	0.8	tesa® 64908	tesa® 62708	tesa® 62934	tesa® 62508, tesa® 66108
	1.0				tesa® 62510
	1.2	tesa® 64912	tesa® 62856		
	1.6			tesa® 62936	
Liner	<ul style="list-style-type: none"> For all products PV0: brown glassine paper (69 µm) Liner is both sides siliconized 	<ul style="list-style-type: none"> For 62852 and 62708 PV0: brown glassine paper (71 µm) For 62708 and 62856 PV6: red MOPP film (80 µm) All liners are both sides siliconized 	<ul style="list-style-type: none"> For all products PV0: brown glassine paper (71 µm) For 62904 and 62906 PV13: PET film liner (50 µm) For 62932, 62934, 62936 PV10: red transparent PP film (120 µm) PV15: blue PE film (100 µm) For 62932 PV14: PE coated paper (122 µm) All liners are both sides siliconized 	<ul style="list-style-type: none"> For all products PV0: brown glassine paper (69 µm) For 62508 and 62510 PV13: transparent PET film (50 µm) PV15: blue PE film (100 µm) All liners are both sides siliconized 	
Special features	<ul style="list-style-type: none"> High initial adhesion to LSE¹⁾ and MSE²⁾ surfaces without primer Ultimate peel adhesion level right after application Near to ultimate performance at an application temperature as low as 5°C 	<ul style="list-style-type: none"> Excellent ultimate adhesive strength Excellent temperature resistance Excellent converting properties, especially for filigree designs 	<ul style="list-style-type: none"> High immediate bonding strength even at low bonding pressure Versatile adhesive for high immediate adhesion on numerous substrates High ultimate adhesion level for a secure bonding performance 	<ul style="list-style-type: none"> High initial adhesive strength Superior wet-out performance Conformable PE foam backing to compensate design tolerance Excellent splintering protection 	
Adhesion after 14 days	tesa® 64912	tesa® 62856	tesa® 62934	tesa® 62510	
	Steel	20 N/cm	17 N/cm	17 N/cm	14 N/cm
	ABS	20 N/cm	17 N/cm	17 N/cm	14 N/cm
	PP	20 N/cm	1 N/cm	6 N/cm	1 N/cm
Temperature range	-40 to +80 °C	-40 to +80 °C	-40 to +80 °C	-40 to +80 °C	
Static shear resistance at heat	80 °C > 10.000 min	90 °C > 10.000 min	80 °C > 10.000 min	80 °C > 10.000 min	

Test Methodes:



Adhesion after 72 h: peel test in 90° angle test speed: 300 mm/min



Static shear resistance area: 25 mm x 25 mm on steel, load: 200 g

1) LSE: low surface energy (29 - 37 mN/M)
2) MSE: medium surface energy (38 - 50 mN/M)