



3M™ Adhesive Transfer Tape F9460PC

3M™ VHB™ Adhesive Transfer Tape F9460PC utilizes the 3M™ High Performance Acrylic Adhesive 100MP, which has long term holding power with much higher adhesion strength than typical pressure sensitive adhesives.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ Adhesive Transfer Tape F9460PC				
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE	
Adhesive Type		-	Acrylic	
Adhesive Thickness		mm mil	0.05 2.0	
Liner Thickness		mm mil	0.106 4.2	
Total Tape Thickness	ASTM D3652	mm mil	0.16 6.2	
Density		g/cm ³	1.012	
Liner		-	58# Polycoated Kraft Paper (PCK)	
Liner Print		-	3M VHB	
Glass Transition Temperature (tg)	ASTM E1356	°C	-38	
Short Term Temperature Resistance		°C °F	232 450+	
Long Term Temperature Resistance		°C °F	204 400	
90° Peel Adhesion PROPERTY	TEMPERATURE	SUBSTRATE	UNIT	VALUE
180° Peel Adhesion - 20 min	23 °C (73 °F)	Stainless Steel	n/cm oz/in	8.20 74.70
180° Peel Adhesion - 72 hr	23 °C (73 °F)	Stainless Steel	n/cm oz/in	9.50 86.70
180° Peel Adhesion - 72 hr	70 °C (158 °F)	Stainless Steel	n/cm oz/in	12.80 116.30
90° Peel Adhesion - 20 min	23 °C (73 °F)	Stainless Steel	n/cm oz/in	8.50 77.30
90° Peel Adhesion - 72 hr	23 °C (73 °F)	Stainless Steel	n/cm oz/in	9.80 89.40
90° Peel Adhesion - 72 hr	70 °C (158 °F)	Stainless Steel	n/cm oz/in	14.40 130.60

3M™ Adhesive Transfer Tape F9460PC

90° Peel Adhesion PROPERTY	TEMPERATURE	SUBSTRATE	UNIT	VALUE
180° Peel Adhesion - 72 hr	23 °C (73 °F)	ABS	n/cm oz/in	7.20 65.60
180° Peel Adhesion - 72 hr	70 °C (158 °F)	ABS	n/cm oz/in	5.80 53.00
90° Peel Adhesion - 72 hr	23 °C (73 °F)	ABS	n/cm oz/in	6.50 59.30
90° Peel Adhesion - 72 hr	70 °C (158 °F)	ABS	n/cm oz/in	5.10 46.80