

# NECAL Corporation

www.necal.com

608-269-3000

## Adhesive Product Cross-Reference

### Transfer Tapes

NECAL	3M	Roll	Sheet
9170P	467MP	x	
9170HD-2	467MPF	x	
9175P	468MP	x	
9175HD-2	468MPF	x	
9175P	6035PC	x	
9175W	6035PL	x	
9501P1/P	7951	x	x
9170P1/P	7952MP	x	x
9175P1/P	7955MP	x	x
9170P1/W	7962MP	x	x
9175P1/W	7965MP	x	x
9501P1/W	8132LE		x
9502P1/W	8153LE		x
9170H	9172MP	x	
9175H	9185MP	x	
9072HD	9437	x	
9072P	9442	x	
9074P	9445	x	
9502HD-2	9453FL	x	
9502P	9453LE	x	
9072P	9460PC	x	
9074P	9469PC	x	
9501P	9471	x	
9501HD-2	9471FL	x	
9501P	9471LE	x	
9501P	9471PC	x	
9502P	9472	x	
9502HD-2	9472FL	x	
9502P	9472LE	x	
9501P	9482PC	x	
9502P	9485PC	x	
8517P	9490LE	x	
9072P	9502	x	
9074P	9505	x	
9072P1/P	9552	x	x
9074P1/P	9555	x	x
9502W	9653LE	x	
9170W	9667MP	x	
9175W	9668MP	x	
9501W	9671	x	
9501W	9671LE	x	
9502W	9672	x	
9502W	9672LE	x	
9501W	9673	x	
9170W	9772WL	x	
9175W	9774WL	x	
9175H	9784	x	
9180S	9786	x	
9200		x	
9203		x	

### Key

P = 59 pound 2-side polycoated brown kraft liner

W = 86 pound white lay flat liner

H = 3 mil high density polyethylene liner

HD = 1 mil polyester liner

HD-2 = 2 mil polyester liner

P1/P = sheet construction: 59 pound 1-side polycoated brown kraft liner one-side and a 2-side polycoated brown kraft liner second side

P1/W = sheet construction: 59 pound 1-sided polycoated brown kraft liner one-side and a 86 pound white lay flat liner second side

## Stick with Us

### Membrane Switch Spacers

NECAL	3M	Liner Wt.	Adh (mils)	PET (mils)	Adh (mils)
81 96-3P	None	59	1.5	0.0048	1.5
81 96-3P1/P	None	59	1.5	0.0048	1.5
81 96-4P	7953SL	59	2	0.0048	2
81 96-4P1/P	7953MP	59	2	0.0048	2
81 96-5P	None	59	2	1	2
81 96-5P1/P	7945MP	59	2	1	2
81 96-5P1/W	9045MP	59	2	1	2
81 96- 6P	None	59	2	2	2
81 96- 6P1/P	7956MP	59	2	2	2
81 96-6P1/W	None	59	2	2	2
81 96- 6W P	7956MWS	59	2	2	2
81 96-6W P1/P	7956WDL	59	2	2	2
81 96- 7P	None	59	2	3	2
81 96-7P1/P	7957MP	59	2	3	2
81 96-7P1/W	9057	59	2	3	2
81 96- 9P	None	59	2	5	2
81 96-9P1/P	7959MP	59	2	5	2
81 96-9P1/W	9059MP	59	2	5	2
81 96- 9W P	7966MWS	59	2	2	5
81 96-9W P1/P	7966WDL	59	2	2	5
81 96-11P1/P	7961MP	59	2	7	2
81 96-11P1/W	9061MP	59	2	7	2
81 96- 11W P1/P	None	59	2	7	2
81 96-13P1/P	None	59	3	7	3
81 96-13bP	None	59	5	3	5
81 96-13bP1/P	None	59	5	3	5
81 96- 13cP	None	59	3	5	5
81 96-13cP1/P	None	59	3	5	5
81 96- 6 WFP	7992MP	59	2	2	0
81 96- 6W WFP	7992MPW	59	2	2	0
81 96- 5 WFP	7993MP	59	2	1	0
81 96- 7 WFP	7995MP	59	2	3	0
81 96- 9 WFP	7997MP	59	2	5	0
81 96-16P1/P	None	59	3	10	3
81 98- 6WDP	None	59	2	2	2LSE
81 98- 6WDP1/P	None	59	2	2	2LSE
81 98- 8WDP	None	59	2	2	4LSE
81 98- 8WDP1/P	None	59	2	2	4LSE
81 98- 9P	None	59	2LSE	5	2LSE
81 98-9P1/P	None	59	2LSE	5	2LSE
81 98-11P	None	59	2LSE	7	2LSE
81 98-11P1/P	None	59	2LSE	7	2LSE

### Key

1) 96 = standard high surface energy acrylic adhesive

2) 98 = low surface energy acrylic adhesive

3) 3, 4, 5, etc. = overall product thickness which includes adhesive and polyester

4) P = 59 pound 2-side polycoated brown kraft liner

5) P1/P = sheet construction: 59 pound 1-side polycoated brown kraft liner one-side and a 2-side polycoated brown kraft liner second side

6) P1/W = sheet construction: 59 pound 1-sided polycoated brown kraft liner one-side and a 86 pound white lay flat liner second side

7) b and c = special variations in construction

8) W = white PET

9) D = standard high surface energy adhesive one-side and low surface energy

Standard sheet size is 24 inches by 36 inches (100 count per box)

Standard roll sizes are 18 inches or 24 inches wide by 500 feet

**Customization? Just Ask!**



## SINGLE & DOUBLE-SIDE COATED TRANSFER FOAMS

Product Name	Description	Open/Close	Foam Type	Color	Thickness
1321	General Purpose	Closed	Polyethylene	Black & White	60 mils
1421	Low Surface Adhesive	Closed	Polyurethane	Black & White	35 mils
8192	Rubber Base	Closed	Polyolefin Blend	Black & White	35 mils
8195	General Purpose	Open	Polyurethane	Gray	35 mils
8199	High Temperature	Closed	Polyurethane	Black	Various
8292	Low Surface Adhesive	Closed	Polyolefin Blend	Black & White	35 mils
8495	High Temperature	Open	Polyurethane	Gray	35 mils
8799	Low Surface Adhesive	Closed	Polyurethane	Black	Various
8899	General Purpose	Closed	Polyurethane	Black	Various

## CROSS REFERENCE GUIDE TO THE MOST COMMONLY USED TRANSFER ADHESIVES

<b>NECAL</b>	<b>3M</b>	<b>FLEXCON</b>	<b>MACTAC</b>	<b>RITRAMA</b>
<b>9170P</b>	467MP	201	IF2012	3-1206
<b>9175P</b>	468MP	806	IF2015	3-2055, 3-2074
<b>9501P</b>	9471LE	302	IF1051	3-2042
<b>9502P</b>	9472LE	807	IF2095	3-2043

## ADHESIVES OPTIONS

PSA solvent-based acrylic  
 PSA water-based acrylic  
 PSA UV-cured acrylic  
 Thermo-bond dry film adhesives

## PRODUCTS

Single & Double-side Coated Transfer Tapes  
 Membrane Switch Spacers  
 Mounting Films  
 Protective Masks  
 Over Laminates and Mylar  
 Thermo-bond and IMD Transfer Tapes

## CONVERTING CAPABILITIES

Master Rolls 48 inches to 54 inches  
 Cut Rolls to customer specification  
 Tapes to customer specification  
 Sheets to customer specification  
 Die cut pieces to customer specification

## SERVICES

New product development  
 Toll coating

