

Technical Information Bulletin – April 2005
GUIDE TO SURGICAL APPLICATIONS OF 3M MEDICAL SPECIALTIES PRODUCTS
(Test in your own application before final selection of products)

Introduction

3M Medical Specialties is the trusted source for quality medical tapes. In that spirit, this Technical Information Bulletin is the first of a series of planned documents to help our customers select the most suitable products for their application. This particular document will focus on products most commonly used in surgical applications and is not a complete compendium of all of 3M Medical Specialties products that may be used in these applications.

The document focuses on some key properties of the various products listed and is not intended to replace the product properties listed in the current technical information sheets or the charts in the Medical Specialties Product Reference Guide for the various products. This document in no way replaces the need for complete testing and evaluation of the selected products by the customer in their own application.

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Application	Tape Product No.	Tape Type	Properties									Comments
			Sterilization Processability			Repeat skin contact	Breathability	Fluid Resistance	Adhesion to S. Steel	Liner weight (lbs per ream)	Stretch	
G	F	S										
Drape Construction	1509	DC PE	X	X		N	L	Y	H	80	L	Good initial stick Construction only May cause wrinkles on LDPE All purpose tape for the oper. room
	1510	DC PE	X	X		N	L	Y	H	54	H	
	9889	DC PE	X	X		N	L	Y	H	60	L	
	1524	Transfer PSA	X	X	X	N	L	N	H	60	VH	
	1513	DC PET	X	X	X	N	N	Y	H	80	VL	
	9877	DC PET	X	X	X	N	N	Y	VH	60	VL	
	9918/19	Op tape NW	X	X		N	L	N	M	83	L	
Drape Fenestration (Stick To Skin)	1517	DC PE	X	X		N	L	Y	M	58	H	May cause wrinkles on LDPE
	1509	DC PE	X	X		N	L	Y	H	80	L	
	9889	DC PE	X	X		N	L	Y	H	60	L	
	1513	DC PET	X	X	X	N	N	Y	H	80	L	
	1577	DC PET	X	X	X	N	N	Y	VH/M	60	L	
	9877	DC PET	X	X	X	N	N	Y	VH	60	L	
Drapes For Sensitive Skin Areas	1522	DC PE	X	X		Y	L	Y	M	80	L	White Spunlace nonwoven carrier
	9874	DC PE	X	X		Y	L	Y	L	60	L	
	9917	DC Nonwoven	X	X		Y	M	N	M	62	M	
Tapes For Treated Fabrics	1577	Diff DC PET	X	X	X	N	L	Y	VH/M	60	VL	
	1510	DC PE	X	X		N	L	Y	H	54	H	
	1517	DC PE	X	X		N	L	Y	M	58	H	

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Incise Tapes	9830	SC PE	X	X		N	L	Y	M	63	L	
	9948	SC Poly Film	X	X		N	M	Y	L	63	M	
	1525L	SC PE	X	X		Y	L	Y	L	63	L	
	1526	SC PE	X	X		N	L	Y	M	63	L	
	9865	SC PE	X	X		Y	L	Y	L	63	L	
	9841	SC PUR	X	X		Y	H	Y	L	60	M	
	9842	SC PUR	X	X		Y	H	Y	L	78	M	
Reinforcement of Seams or Fluid Resistance	9830	SC PE	X	X		N	L	Y	M	63	L	
	1516	SC PET	X	X	X	N	L	Y	H	N/A	VL	
Fluid Collection Pouches	1509	DC PE	X	X		N	L	Y	H	80	L	
	9889	DC PE	X	X		N	L	Y	H	60	L	
	1577	Diff DC PET	X	X	X	N	L	Y	VH/M	60	VL	
	1510	DC PE	X	X		N	L	Y	H	54	H	
	9818A-J	Flexfoam				N/A	N/A	Y	H	78	N	Pouch Closures
Pouch Opening Aid	9779 B/W	Flexform				N/A	N/A	Y	H	78	N	Blue and White closure rolls
	9822 S/D	Flexform				N/A	N/A	Y	H	PET	N	White strip closures
	9823 S/D	Flexform				N/A	N/A	Y	H	PET	N	Blue strip closures
Finger Cots	9812N	Neoprene	X	X		Y	L	Y	N/A	N/A	H	
Antifog Films (Facemasks)	9960	PET FILM	X	X		N/A	N/A	Y	N/A	N/A	L	Printable film
	9962	PET FILM	X	X		N/A	N/A	Y	N/A	N/A	L	Printable film
Tube And Cord Organizers (TACOS)	1538L	SC WOVEN	X	X		Y	N/A	N	M	83	VL	Very strong, good wet stick
	1525L	SC PE	X	X		Y	N/A	Y	L	63	L	Clear
	9865	SC PE	X	X		Y	N/A	Y	L	63	L	Printable version of 1525L
	1526	SC PE	X	X		N	N/A	Y	M	63	L	Clear, stronger, Printable
Re-Openable TACOS/Gown Closures	1509/1516	DC Tape + Landing	X	X		N	N/A	Y	H/M	N/A	L/N	Customer/Converter must create
	7330	Loop	X	X		Y	N/A	Y	N/A	N/A	L	Gamma stable, low profile
	7331	Loop w/ PSA	X	X		N	N/A	Y	H	54	L	Gamma stable, low profile
	7332	Hook	X	X		Y	N/A	Y	N/A	N/A	N	Gamma stable, low profile
	7333	Hook w/ PSA	X	X		N	N/A	Y	H	54	N	Gamma stable, low profile

X – Suitable; Y-Yes, N-No; VL, L, M, H, VH – Very Low, Low, Medium, High, Very High.