

Product Construction Sheet

FLX068983 - FLEXcon® OMNI-WAVE™ TT 200 BLACK H-502 150 POLY H-9 44PP-8

GENERAL DESCRIPTION:

This is a 2.0 mil (51 micron) permanent, pressure-sensitive, acrylic adhesive with organic polar salt and a conductive matrix supported on one side with a tight-release, clear, smooth, polyester release liner (150 POLY H-9), and on the other side with a free-release, poly-coated, one-side, natural-kraft-paper, release liner (44PP-8).

The adhesive has been tested for biocompatibility (skin irritation, sensitization and cytotoxicity) by an independent testing agency specializing in biocompatibility referencing ISO-10993. The adhesive also meets the requirements of AAMI/ANSI EC-12*

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness, mils (µm)	150 POLY H-9 Liner: 1.4 (36) +/- 10% Adhesive: 2.0-2.2 (51-56) +/- 0.1 (3) 44PP-8 Liner: 3.0 (76) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
ADHESION PROPERTIES**		
	Average	
180° Peel Stainless Steel	13 oz/in (143 N/m)	ASTM D 903 15 min dwell at RT
Expected Shear	2 hours	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack	340 g	ASTM D 2979
ELECTRICAL PROPERTIES**		
Z-Direction Resistance	<20 (Ohms/in ²)	ASTM D 257
Surface Resistivity	<200 (Ohms/□)	ASTM D 257
STORAGE STABILITY	Two years stored at 70°F (21°C) and 50% RH in the original packaging.	

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PATENT PENDING
