

# Z-Band Direct

## 65641RM Direct Thermal Material

### Description:

65641RM is a 2.0-mil white top-coated direct thermal polypropylene facestock with a permanent acrylic adhesive and a 1.5 mil polyester liner. This material is converted into direct thermal pressure sensitive bar code identification wristbands.

### Suggested Applications

- Safe, secure, positive patient ID for hospitals
- Admission to sporting events, concerts, festivals and amusement parks.
- Child identification wristbands for family entertainment facilities

### Key features and benefits

Ease of use, ribbon-less printing, no ribbon loading required

Meets healthcare patient identification and safety requirements

Adhesive complies with FDA 21 CFR 175.105

Excellent print quality down to 5 mil narrow bar codes

UV overvarnish is applied over print area on wristbands, providing excellent resistance to water, soaps, foam soaps, lotions, alcohol and other anti-bacterial cleaning agents

Secure closure with high performance acrylic adhesive, bands cannot be removed and reapplied

Latex-free, no latex used in raw material processing

### *Technical Specifications*

Description		Caliper
Facestock	top-coated white direct thermal polypropylene film	81 microns
Adhesive	high performance acrylic adhesive	25.4 microns
Liner	print treated polyester	38.1 microns
		<b>Total 144.5 microns</b>

### Z-Band Direct Performance and Durability



Abrasion Test:	Exceeds 1500 rubs using Crockmeter with heavy arm and crocking cloth
Heat Resistance:	Human readable information still legible after 1 hour 90C
Water:	Withstands total immersion in water
IPA:	Withstands 50 rubs with cotton applicator (91% IPA) Withstands 50 rubs with cotton applicator (70% IPA)
Foam Soap:	Withstands long term exposure (60 minutes) to Carrington Carrafoam™, skin and perineal cleanser
Skin Protectant:	Withstands long term exposure (60 minutes) to Hollister Clean 'N Moist, No rinse breathable barrier skin protectant

Z-Band Direct					
	Part Number	Size	Core	Max. Roll OD	Quantity per roll
Adult	97873	1" x 11" (25.4mm x 279.4mm)	1" (25.4mm)	5" (127mm)	260
Adult	10000886	1" x 11" (25.4mm x 279.4mm)	3" (76.2mm)	8" (203mm)	580
Child	97874	1" x 7" (25.4mm x 177.8mm)	1" (25.4mm)	5" (127mm)	410
Neonatal	97878	0.75" x 6" (19.05mm x 152.4mm)	1" (25.4mm)	5" (127mm)	480

Sample Rolls					
	Part Number	Size	Core	Max. Roll OD	Quantity per roll
Sample Roll	S65641-1	1" x 11" (25.4mm x 279.4mm)	1" (25.4mm)	5" (127mm)	50
Sample Roll	SAM65641-1	1" x 11" (25.4mm x 279.4mm)	3" (76.2mm)	8" (203mm)	50

Note: All products should be pre-tested to ensure that they meet all intended requirements of specific end-use applications. For testing of this material, please see price list for order details.

