

Face Description

DDRXR is a medium sensitivity, top-coated, direct thermal paper manufactured without added bisphenols. It is designed for pharmacy applications that require high image durability with resistance to hand sanitizers. FSC Certified. Certificate Number: SCS-COC-007635

Test Property	Typical Values	Test Method
Basis Weight 17 x 22-500	19.0 #	ISO536
Caliper, inches	0.0030 +/- 10%	ISO534
Tear, grams	36 MD 42 CD	ISO1924-3
Tensile, lbs/in	33 MD 14 CD	ISO1924-3
Brightness %	90% average	ISO2470
Initial Activation Temp (O.D.=0.2)	205 ± 9°F (96 ± 5°C)	
Effective Activation Temp (O.D.=0.8)	239 ± 9°F (121 ± 5°C)	
Optimum Activation Temp (O.D.=1.2)	253 ± 9°F (123 ± 5°C)	

Adhesive Description LT-20

A specially designed low tack adhesive that exhibits delayed or low initial tack and moderate ultimate adhesion. Short term removability from many surfaces.

Test Property	Typical Values	Test Method
Caliper, inches	0.00045 +/- 10%	
Min Application	32°F (0°C)	
Service range	-40 to 200°F (-40°C to 93°C)	
Average Peel Adhesion Stainless Steel 30 minutes applied/90° angle	0.7/lbs/inch	PSTC-101/Method F MACtac CTM54
Loop Tack g/1"	1.7 lbs/sq. inch	PSTC-16/Method A MACtac CTM25

When comparing values, keep in mind, other suppliers may use different testing methods.

Liner Description

A semi-bleached, super calendared kraft liner excellent for die cutting and stripping. The liner release system is designed specifically for label dispensing. Primarily for roll-to-roll applications.

Test Property	Typical Values	Test Method
Caliper	0.0024 +/- 10%	TAPPI T411
Basis Weight	40 +/- 10%	TAPPI T410

Applications

Used for healthcare/medical labels, prescription labels and applications that require high image durability. Recommended for use in standard speed thermal printers.

Shelf Life

One year when stored at 72°F and 50% RH. For more about Direct Thermal Storage, see the Technical Bulletin for Direct Thermal Storage at www.mactac.com.

Note: The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, regulatory compliances, please contact your MACtac sales representative to discuss your requirements for recommendations. If this is a printed Performance Guide, it is an uncontrolled document. Please check the MACtac website for the latest, most up-to-date version at www.mactac.com.



PERFORMANCE GUIDE

Represents Typical Values Only

www.MACTac.com

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