



# PET / 0863 MATTE CASTING COATING

**0863** A Non-Silicone product that is coated on 1 or 2-Sides and is used as a casting carrier for specific coatings for use in some medical applications. #0863 is a UV cured coating that exhibits a smooth matte surface, excellent adhesion to base PET and has good winding characteristics. #0863 currently has an active DMF listing with the FDA.

## PROPERTIES

0863 - UV CASTING COATING	TYPICAL VALUES
Solvent Resistance	Excellent
Visuals	Matte Appearance
60 Gloss	30-70
X-Hatch Adhesion	No Removal
Haze %	20-60

## FEATURES AND BENEFITS

- Uniform matte surface
- Good adhesion to base film
- Excellent solvent resistance
- Can be coated on 1 or 2 sides

## APPLICATIONS

- Process liner for casting



**CORETECH FILM SELECTION GUIDE**

Film	Gauge	Market	Applications	Key Properties
<b>Polyester (PET)</b>	92 - 1400	Label	Roll Label, Overlaminates, Beverage, Pharmaceutical, Toiletries, Health & Beauty	<ul style="list-style-type: none"> <li>• High Tensile and Tear Resistance</li> <li>• Excellent Smoothness</li> <li>• High Clarity</li> <li>• Gauge Control</li> <li>• Temperature Resistance</li> <li>• Back Side Printable</li> <li>• Mechanically Stable</li> <li>• Spliceable</li> </ul>
		Decal Graphic	Transfer Lettering, Window Graphics	
		Industrial	Solar, Gaskets, Nameplate, Automotive, Construction Composites, Free Adhesives	
		Tape	One/Two Side, Transfer	
		Medical	Transdermal, Hydrogels, Wound Care, EKG, Hygiene	
<b>Polystyrene (PS)</b>	750 - 1000	Medical	Hydrogels, Wound Care, EKG	<ul style="list-style-type: none"> <li>• Thermoformable</li> <li>• Good Stiffness</li> </ul>
<b>Polyvinyl Chloride (PVC)</b>	800 - 1000	Medical	Transdermal, Hydrogels, EKG	<ul style="list-style-type: none"> <li>• Thermoformable</li> </ul>
		Tape	One/Two Side, Transfer	<ul style="list-style-type: none"> <li>• Tear Resistance</li> </ul>
<b>Polyethylene (PE)</b>	100 - 2300	Medical	Wound Care, Hygiene	<ul style="list-style-type: none"> <li>• Conformable</li> </ul>
		Industrial	Construction Gasket, Automotive	<ul style="list-style-type: none"> <li>• High Yield</li> </ul>

The values presented are typical values and should not be used for specification purposes.

Contact your CoreTech Performance Film Solutions representative for more information.

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