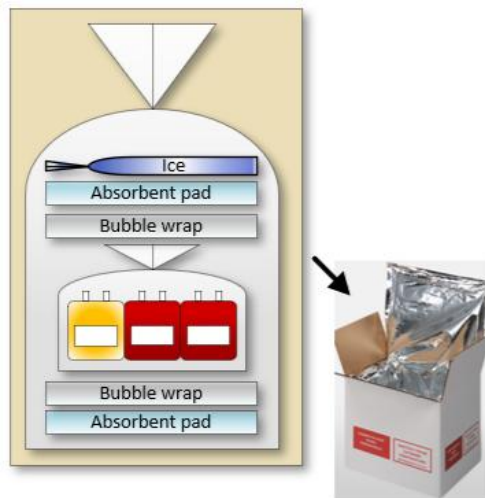
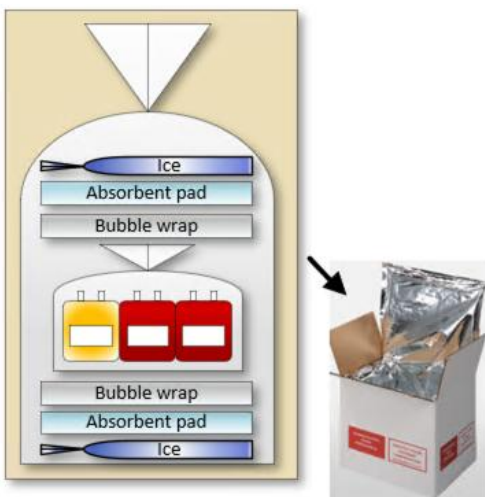
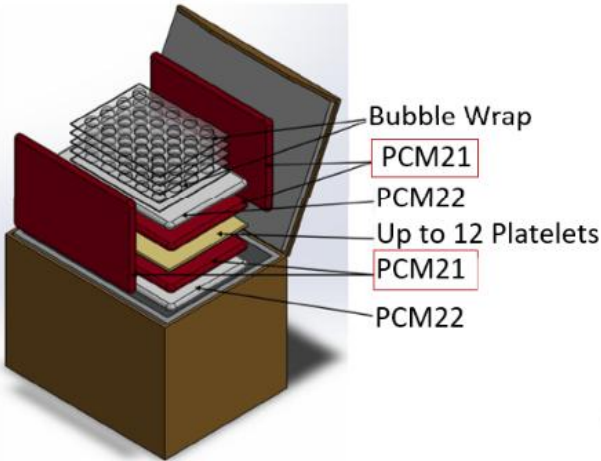
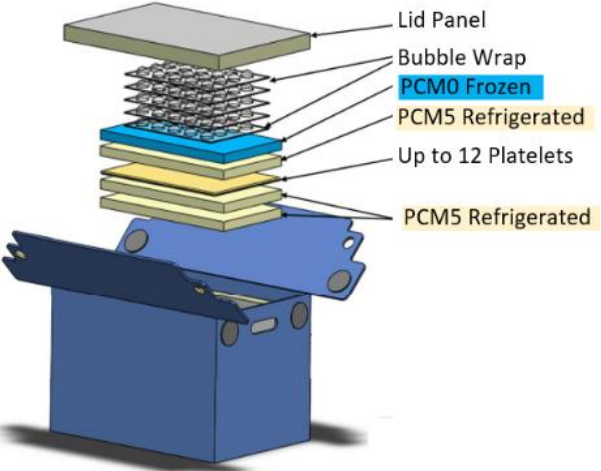


# Blood Product Packing Specifications – Hospital Reference Guide

Materials/Instructions/Max # Products	Diagram	Packing Instructions																		
Whole Blood (WB), Red Blood Cells (RBC), and Liquid Plasma (LP) WINTER (October through May)																				
Validated for up to 22 hours																				
<p><b>Materials:</b></p> <ul style="list-style-type: none"><li>1 bag of wet ice (see requirements below)</li><li>2 plastic bags</li><li>2 pieces of absorbent pads</li><li>2 pieces of bubble wrap</li></ul> <table><tr><th colspan="2">Wet Ice Requirements</th></tr><tr><th># of Products</th><th>Volume of Wet Ice</th></tr><tr><td>1 – 9</td><td>64 oz</td></tr><tr><td>10 – 20</td><td>96 oz</td></tr><tr><td>12 – 30</td><td>128 oz</td></tr></table> <table><tr><th colspan="2">Max # of Products</th></tr><tr><th>Product Type</th><th>Max #</th></tr><tr><td>RBC/LP</td><td>≤ 30</td></tr><tr><td>WB</td><td>≤ 9</td></tr></table>	Wet Ice Requirements		# of Products	Volume of Wet Ice	1 – 9	64 oz	10 – 20	96 oz	12 – 30	128 oz	Max # of Products		Product Type	Max #	RBC/LP	≤ 30	WB	≤ 9		<ol style="list-style-type: none"><li>1. Prepare one bag of wet ice following “Wet Ice Requirements”.</li><li>2. Insert and line the box with a plastic bag (outer bag).</li><li>3. Place one absorbent pad inside the outer bag.</li><li>4. Place one piece of bubble wrap on top of the absorbent pad.</li><li>5. Insert and line the box with a second plastic bag (inner bag).</li><li>6. Place the products inside the inner bag in upright row(s).</li><li>7. Close the inner bag with a rubber band or knot.</li><li>8. Place one piece of bubble wrap on top of the closed inner bag.</li><li>9. Place one absorbent pad on top of the bubble wrap.</li><li>10. Place the prepared wet ice bag on top of the absorbent pad.</li><li>11. Close the outer bag with a rubber band or knot.</li></ol>
Wet Ice Requirements																				
# of Products	Volume of Wet Ice																			
1 – 9	64 oz																			
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12 – 30	128 oz																			
Max # of Products																				
Product Type	Max #																			
RBC/LP	≤ 30																			
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Whole Blood (WB), Red Blood Cells (RBC), and Liquid Plasma (LP) SUMMER (June through September)																				
Validated for up to 22 hours																				
<p><b>Materials:</b></p> <ul style="list-style-type: none"><li>2 bags of wet ice (see requirements below)</li><li>2 plastic bags</li><li>2 pieces of absorbent pads</li><li>2 pieces of bubble wrap</li></ul> <table><tr><th colspan="2">Wet Ice Requirements</th></tr><tr><th># of Products</th><th>Volume of Wet Ice</th></tr><tr><td>1 – 9</td><td>64 oz</td></tr><tr><td>10 – 20</td><td>96 oz</td></tr><tr><td>12 – 30</td><td>128 oz</td></tr></table> <table><tr><th colspan="2">Max # of Products</th></tr><tr><th>Product Type</th><th>Max #</th></tr><tr><td>RBC/LP</td><td>≤ 30</td></tr><tr><td>WB</td><td>≤ 9</td></tr></table>	Wet Ice Requirements		# of Products	Volume of Wet Ice	1 – 9	64 oz	10 – 20	96 oz	12 – 30	128 oz	Max # of Products		Product Type	Max #	RBC/LP	≤ 30	WB	≤ 9		<ol style="list-style-type: none"><li>1. Prepare two bags of wet ice following “Wet Ice Requirements” (each bag should contain listed volume).</li><li>2. Insert and line the box with a plastic bag (outer bag).</li><li>3. Place one prepared wet ice bag inside the outer bag.</li><li>4. Place one absorbent pad on top of the wet ice bag.</li><li>5. Place one piece of bubble wrap on top of the absorbent pad.</li><li>6. Insert and line the box with a second plastic bag (inner bag).</li><li>7. Place the products inside the inner bag in upright row(s).</li><li>8. Close the inner bag with a rubber band or knot.</li><li>9. Place one piece of bubble wrap on top of the closed inner bag.</li><li>10. Place one absorbent pad on top of the bubble wrap.</li><li>11. Place one prepared wet ice bag on top of the absorbent pad.</li><li>12. Close the outer bag with a rubber band or knot.</li></ol>
Wet Ice Requirements																				
# of Products	Volume of Wet Ice																			
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Materials/Instructions/Max # Products	Diagram	Packing Instructions								
Room Temp Platelets and Granulocytes Validated for up to 36 hours										
<p><b>Materials:</b></p> <ul style="list-style-type: none"><li>MaxQ Shipper (20-24°C)</li><li>4 PCM21 (pink/red)</li><li>2 PCM22 (clear or off white)</li><li>Bubble wrap (amount as needed)</li></ul> <p><b>IMPORTANT:</b> Ensure MaxQ Shipper and PCMs are stored at room temperature prior to packing (20-24°C).</p> <table><tr><th colspan="2">Max # of Products</th></tr><tr><th>Product Type</th><th>Max #</th></tr><tr><td>Room Temp Platelets</td><td>≤ 12 (bags)*</td></tr><tr><td>Granulocytes</td><td>≤ 12</td></tr></table> <p><i>*NOTE: A single platelet that is stored in 2 bags counts as 2 bags</i></p>	Max # of Products		Product Type	Max #	Room Temp Platelets	≤ 12 (bags)*	Granulocytes	≤ 12	 <p>The diagram shows a brown MaxQ Shipper box with its lid open. Inside, the packing layers are shown from bottom to top: a clear PCM22, a pink PCM21, up to 12 platelets, another pink PCM21, and a final clear PCM22. Bubble wrap is placed over the top PCM22. Labels with leader lines point to each layer.</p>	<ol style="list-style-type: none"><li>Place one PCM22 on the bottom of the box.</li><li>Place one PCM21 on top of the PCM22.</li><li>Place products lying flat with alternating ports on top of the PCM21.</li><li>Place one PCM21 on the front wall (long side opposite of the lid) of the MaxQ Shipper.</li><li>Place one PCM21 on the back wall (long side where lid attaches) of the MaxQ Shipper.</li><li>Place one PCM21 on top of the products.</li><li>Place one PCM22 on top of the PCM21.</li><li>Place bubble wrap over PCM22 to fill the excess space.</li><li>Close the lid.</li></ol>
Max # of Products										
Product Type	Max #									
Room Temp Platelets	≤ 12 (bags)*									
Granulocytes	≤ 12									
Cold Stored Platelets (CSP) Validated for up to 36 hours										
<p><b>Materials:</b></p> <ul style="list-style-type: none"><li>MaxPlus Platelet Shipper (1-10°C)</li><li>1 PCM0 Frozen (blue)</li><li>3 PCM5 Refrigerated (yellow)</li><li>1 Insulation Lid Panel</li><li>Bubble Wrap (amount as needed)</li></ul> <p><b>IMPORTANT:</b> Ensure PCM0 and PCM5 have been stored at the specified temperature for a minimum of 24 hours prior to packing:</p> <ul style="list-style-type: none"><li><b>PCM0 must be stored at &lt; -20°C.</b></li><li><b>PCM5 must be stored at 3-5°C.</b></li></ul> <table><tr><th colspan="2">Max # of Products</th></tr><tr><th>Product Type</th><th>Max #</th></tr><tr><td>Cold Stored Platelets</td><td>≤12 (bags)*</td></tr></table> <p><i>*NOTE: A single platelet that is stored in 2 bags counts as 2 bags</i></p>	Max # of Products		Product Type	Max #	Cold Stored Platelets	≤12 (bags)*	 <p>The diagram shows a blue MaxPlus Platelet Shipper box with its lid open. The packing layers from bottom to top are: two yellow PCM5 Refrigerated bags, products (up to 12 platelets), another yellow PCM5 Refrigerated bag, a blue PCM0 Frozen bag, and bubble wrap. The lid panel is shown separately above the box. Labels with leader lines point to each layer.</p>	<ol style="list-style-type: none"><li>Place two PCM5 Refrigerated on the bottom of the box.</li><li>Place products with alternating ports on top of the PCM5 Refrigerated.</li><li>Place one PCM5 Refrigerated on top of the products.</li><li>Place one PCM0 Frozen on top of the PCM5 Refrigerated.</li><li>Place bubble wrap on top of the PCM0 Frozen to fill the excess space.</li><li>Place the insulation lid panel on top of the bubble wrap with the black gasket material facing down.</li><li>Close the lid flaps to secure the container.</li></ol>		
Max # of Products										
Product Type	Max #									
Cold Stored Platelets	≤12 (bags)*									

# Blood Product Packing Specifications – Hospital Reference Guide

Materials/Instructions/Max # Products	Diagram	Packing Instructions										
Frozen Plasma (FP), Cryo Poor Plasma (CPP), Pooled Cryo, and Single Cryo Validated for up to 24 hours												
<p><b>Materials:</b></p> <ul style="list-style-type: none"><li>2 plastic bags</li><li>Dry Ice Pellets: 128 oz divided</li><li>Absorbent pad</li><li>Bubble Wrap (as needed)</li></ul> <table><tr><th colspan="2">Max # of Products</th></tr><tr><th>Product Type</th><th>Max #</th></tr><tr><td>FP/CPP</td><td>≤ 10</td></tr><tr><td>Pooled Cryo</td><td>≤ 20</td></tr><tr><td>Single Cryo</td><td>≤ 50</td></tr></table>	Max # of Products		Product Type	Max #	FP/CPP	≤ 10	Pooled Cryo	≤ 20	Single Cryo	≤ 50		<ol style="list-style-type: none"><li>1. Insert and line the box with a plastic bag (outer bag).</li><li>2. Place absorbent pad inside the outer bag.</li><li>3. Place 64 oz of dry ice over the absorbent pad, ensure you cover the absorbent pad completely.</li><li>4. Insert and line the box with a second plastic bag (inner bag) on top of the dry ice.</li><li>5. Stack the products on their long side inside the inner bag.</li><li>6. If there is any empty space around the products, insert bubble wrap to fill the excess space to prevent movement of products.</li><li>7. Close the inner bag with a rubber band or knot.</li><li>8. Add 64 oz of dry ice to cover closed inner bag.</li><li>9. Fold the outer bag into the box. Do NOT rubber band or knot the outer bag.</li></ol>
Max # of Products												
Product Type	Max #											
FP/CPP	≤ 10											
Pooled Cryo	≤ 20											
Single Cryo	≤ 50											