



## FLUX WRAP

Flux wrap can chill materials in drums, totes, tanks and all manner of vessels even when a heat exchanger is not currently present. Flux Wraps allow chilling to be applied to many vessels that were previously not able to be chilled or in situations that previously were not financially feasible. Then simply change the temperature of the fluid, and you have an effective medium for heating. Flux wrap is a versatile fluid temperature control solution.

GE found Powerblanket through a third party distributor to seek a cooling solution for a plant in Mexico. They had 55 gallon drums of varnish, epoxy, and resins and were losing up to eight barrels (valued at \$5,000.00 each) each week. The ambient conditions of roughly 125°F caused the material in the drum to cure while still in the barrel. Powerblanket supplied six chillers and six wraps to stage on production line to eliminate loss.



## FEATURES

- Proprietary multi-channel fluid path allows maximum flow with minimal pressure
- Elastic strap design ensures good thermal conductivity between blanket and drum
- Blanket conforms to drum or tote to maintain thermal contact over uneven surfaces
- Lightweight compact design
- Full coverage cooling
- Available with insulated wrap for thermal control and to reduce condensation



**FLUX WRAP**  
by North Slope Chillers



Product Category	Model #	Maximum Pressure Rating	Flow Rate	Connection	Max Temperature	Cooling Fluid	Approx Fluid Volume	Wrap Dimensions	Min/Max Surface Temperature
FLUX WRAPS	FLUX05	6 PSI @ inlet	4 GPM @ 5 PSI	3/4" Barbed Fitting	120°F (50°F Water/Glycol mix)	Water (if fluid temp is greater than 45F) -OR- Propylene Glycol / Water (50/50 max concentration) -OR- Ethylene Glycol / Water (50/50 max concentration)	1/8 Gallon	38" x 8 1/4"	-10°F/150°F -23.3°C/65.5°C
	FLUX15						3/4 Gallon	47" x 22 3/4"	
	FLUX30						5/8 Gallon	60" x 23 1/4"	
	FLUX55						1 1/2 Gallon	76" x 30 1/4"	
	FLUX275						4 Gallons	Panel a - 1x) 44" x 38 1/2" Panel b - 2x) 45 3/4" x 38 1/2" Panel c - 1x) 39" x 30 3/4"	

READY TO SHIP



**NEED A CUSTOM SOLUTION?**  
we've got you covered!

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**CONDENSATION WARNING**

When running cold fluid through the fluid channel jacket condensation can build up on the fluid paths. If condensation is a concern it is recommended that an insulated wrap be installed over the product. Powerblanket is not liable for damages due to condensation.  
*\*Flux Wrap Insulated Wrap available to control condensation and improve efficiency.*

**WARNINGS AND SAFETY**

- Never exceed the maximum pressure rating
- Do not puncture or cut the product
- Always secure barbed fittings with hose clamp to prevent the possibility of the hose coming off
- Never have hoses or tubing cross a walk way or other places where they will become a tripping hazard
- Only use acceptable fluids
- Only install on clean surfaces free of any sharp objects that could puncture the blanket
- Always have fluid flow from top to bottom
- Never exceed the temperature rating of the blanket
- Never connect a smaller hose on the exit than what the blanket is designed for