

NORDIC

COLD CHAIN SOLUTIONS

Product Specification Sheet

Nordic Ice 48 oz. (0C / 32F) Nordic Ice Gel Pack

This information is the proprietary thermal specifications on Nordic Ice's gel ice pack. Its intent is for the use of the individual or entity inquiring for product specifics. The proprietary information is privileged, confidential and exempt from disclosure under applicable law.

Item Number:	<u>NI48</u>
Style (Description):	<u>Nordic Ice 48 oz. – gel ice refrigerant in sealed pouch</u>
Pouch Stock: Material:	<u>3.5 mil LLDPE</u>
Size:	<u>10 1/2" x 7 1/2" x 1 1/4" (non frozen, filled state)</u>
Gel: Material:	<u>water based polymer gel</u>
Boiling Point:	97°C
Solubility in Water:	100%
Specific Gravity:	1.15
Evaporation Rate:	4.8
Appearance and Odor:	Clear, viscous gel - none
Freezing Temperature:	<u>-1°C</u>
Melting Temperature:	<u>-1°C</u>
Pack Weight:	<u>48 oz. + / - 1/2 oz.</u>
Specific Heat:	<u>0.44 cal/gm/°</u>
Latent Heat:	<u>77.5 Cal/gm</u>
Packout:	<u>12 packs per case; up to 50 cases per pallet</u>
Case:	<u>2 celled ventilated case with 44 ECT Kraft Board</u>
NMFC Shipping Class	<u>Class 55</u>