

Specification – CRACK-N-TACK® Portable Drum Pump

Penndot Specification for CRACK-N-TACK® Portable Drum Pump Unit and KOLD-FLO® cold applied fast-curing crack filler as requested by Andrew Dressler - Penndot Purchasing Agent.

The CRACK-N-TACK® portable drum pump unit and crack sealing system must include a 4 HP gasoline engine with rpm control or gear reducing capability compatible with pump and a versatile, low shear, progressive cavity pump. High shear pumps under high bypass conditions may damage the crack filling material and should be avoided. The **CRACK-N-TACK** pump unit must be accompanied with a user's manual, detailing all components for easy part identification and servicing. It should include cam-lock hose connections for quick set-up and break down. The **CRACK-N-TACK** pump unit must include a -spray wand and have ability to pump and spray cold applied Kold Flo fast-curing crack filler from a 55 drum or 5 gallon pail. The assembled **CRACK-N-TACK** pump spraying system must be capable of safely fitting over a 55 gallon drum of cold applied Kold Flo fast-curing crack filler. When using a 5 gallon pail, the **CRACK-N-TACK** pump unit must be able to safely secure the pail, providing capability for both supply and return flow from/to pail. The **CRACK-N-TACK** pump unit must be designed for safe and easy installation on a 55 gallon drum. The **CRACK-N-TACK** pump and spraying unit must have capability to spray at rate up to three gallons per minute. The **CRACK-N-TACK** pump unit must be equipped with multiple control valves to control material flow exiting the spray wand and by-pass volume protecting the pump. The **CRACK-N-TACK** pump unit must be equipped with a pressure bypass valve protecting the pump from over-pressure damage. The **CRACK-N-TACK** pump unit must include a flexible lightweight hose 20-40 feet long providing the flexibility during operation. The **CRACK-N-TACK** pump unit must be designed for easy cleaning/flushing with soap and water. Cleaning requires valves, providing flow control for cleaning, installed on or off a 55-gallon drum. The spray wand must be equipped with a spray nozzle acceptable for dispensing material into pavement cracks. The nozzle must be removable for easy cleaning. Further it must be versatile, mobile, easy to use and have easy clean up. The flexible spray wand must have capability to fit various brass nozzles that are non-clogging, and easily changed out.

CRACK-N-TACK® is a registered trademark of UNIQUE Paving Materials Corp.

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