



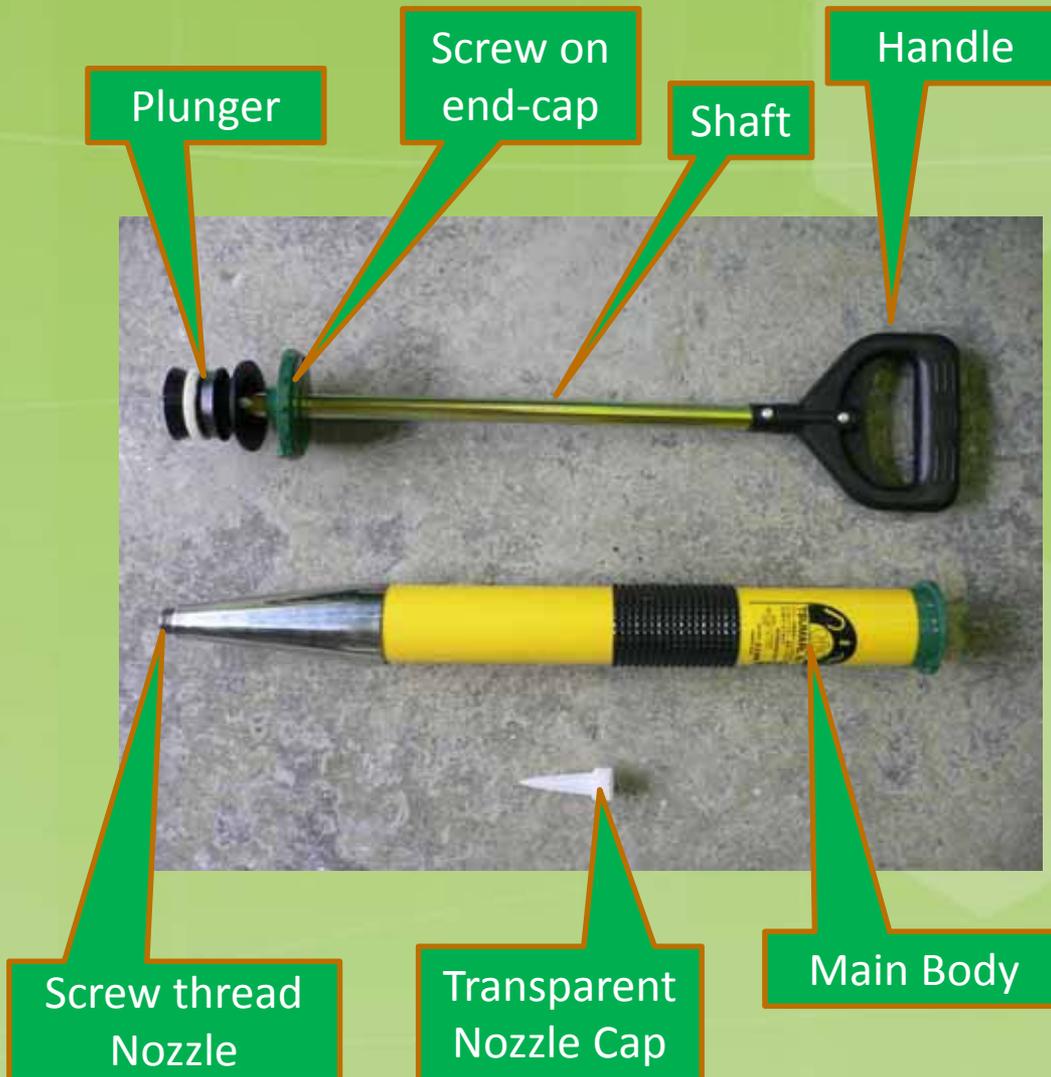
NMB SPLICE-SLEEVE SYSTEM

HANDY PUMP OPERATION

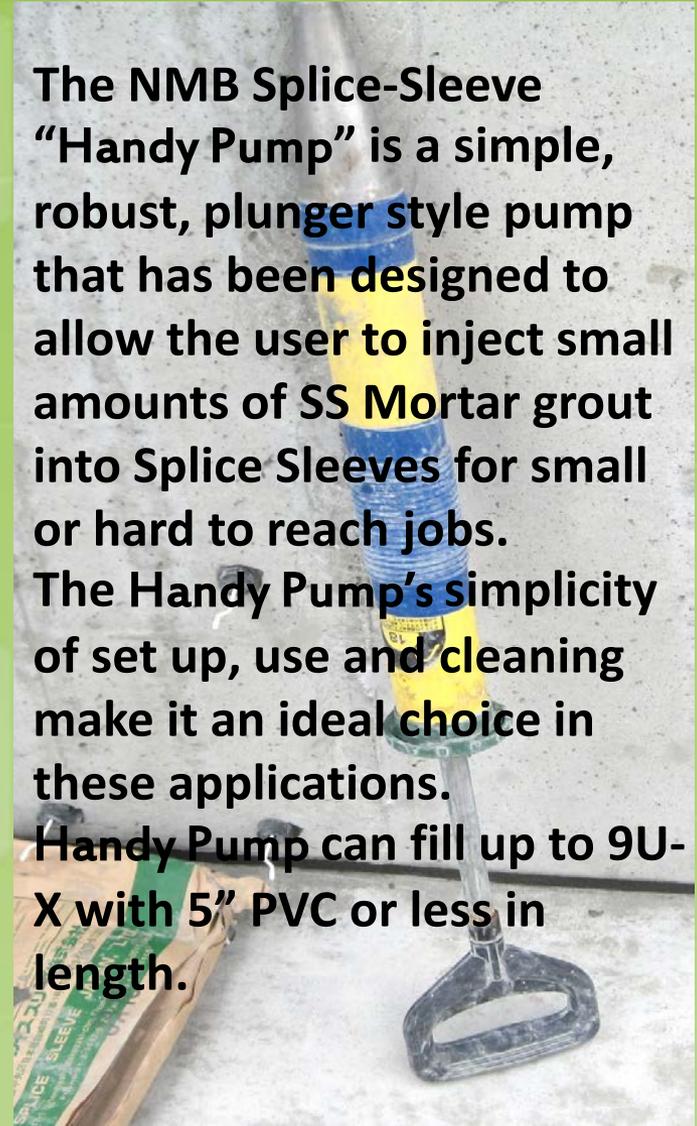


SPLICE SLEEVE NORTH AMERICA, INC.

NMB Splice-Sleeve Handy Pump



The NMB Splice-Sleeve “Handy Pump” is a simple, robust, plunger style pump that has been designed to allow the user to inject small amounts of SS Mortar grout into Splice Sleeves for small or hard to reach jobs. The Handy Pump’s simplicity of set up, use and cleaning make it an ideal choice in these applications. Handy Pump can fill up to 9U-X with 5” PVC or less in length.



Pre Use Checks and Preparation

Check for no air leaks where
Body and nozzle
connect



Check that this
hole is sealed



For grouting Vertical Sleeve, cut nozzle on a 45° angle to make a “lip” to insert and rest on the bottom of the inlet tube before raising the pump horizontally and inserting all the way in (see slide 6)



For grouting Horizontal Slide Connection Sleeves in the open cut nozzle straight

Screw nozzle cap onto
end of metal nozzle



Filling Handy Pump- Step 1 of 3



Saturate Pump with clean water to lubricate and help seals.

Make sure that all water is then pumped out with a series of full strokes from top to bottom.
=> no water left.



Inserting the nozzle cap well beneath the surface of the Nissco SS Mortar,

Carefully and steadily draw SS Mortar up into the pump Tube.
(Don't Rush)



Don't be a "Sucker" !!!

Make sure that no air is drawn into the pump. Keep the nozzle well below the surface.

Filling Handy Pump- Step 2 of 3



Pull the handle slowly, otherwise the shaft will move back.

Once grout is sacked, rotate the pump to a 45° angle then vertical.

This is done so that any grout comes out does not let air in.



Quickly Rotate pump above 45° to stop grout flowing out



Keep your tip up!



Don't Drop

Filling Handy Pump- Step 3 of 3



Place Handy Pump vertically resting on its handle.

Gently Tap the pump handle vertically on the ground several times to ensure that any air has risen to the top of the pump and been forced out.

You are now ready to pump.



Pumping Nissco SS Mortar with Handy Pump



For Vertical Sleeves Keeping the Handy pump on as much of an angle as possible, Insert (45° cut) Nozzle Tip into the grout tube then quickly rotate it to the horizontal position pushing the plastic Nozzle Tip firmly into the PVC tube to make a good seal.

For Horizontal sleeves in the open Similar but with square cut Nozzle Tip and holding thumb over the end until the moment before inserting into the grout port. Keep a little pressure forward on the plunger to prevent air getting into the pump.

ALL Push firmly but not roughly on the pump handle and inject the grout in a smooth flowing movement until good quality grout flows out of the PVC Outlet Tube /Outlet Port at the top.

Place stoppers and caps per normal.

Cleaning Handy Pump



**Empty and Flush grout from pump thoroughly
(Don't "recycle" grout back into the mix bucket)**



**Remove Nozzle cap from Nozzle and clean it both
especially the screw thread (clean water)**



**Disassemble all other parts and wash them
separately**



Wash inside of Pump Tube thoroughly

THANK YOU!!!



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Over 23 million NMB Splice-Sleeves® sold world wide