POLYPETROCHEM

RAIL EDUCTION PIPE
INSTALLATION INSTRUCTIONS

Sizing

PPCxxxEP103 → Dimension "Z" = 113" to 121"
PPCxxxEP110 → Dimension "Z" = 121" to 129"
PPCxxxEP111 → Dimension "Z" = 121" to 129"
PPCxxxEPXL → Dimension "Z" = 126" to 134"

*If your car size falls outside of these ranges, please consult PolyPetroChem for a solution.

New Installation

1. Measure the distance "Z", Figure 1, from the top of the nozzle flange to the bottom of the lining in the car floor or bottom of car if not lined. Do not measure into the sump.
2. Cut the flex end a minimum of 3" from the highest point off the car floor, "Z" – 3" = 'Bottom of Flange to End of Flex'. Strainer will add 2" back to assembly, putting the end of the assembly ≥1" from the highest point off the car floor.
3. Screw strainer end into cut flex until all strainer threads are engaged. Righty tighty.
4. Long shrink should be centered over the cuff of the flex joining to the pipe and shrunk evenly around the circumference into all grooves using a hot air gun. Do not melt or burn the shrink.
5. Short shrink should be placed 1" onto the strainer and 3" onto the flex, covering the strainer grooves but not the holes, then shrunk evenly around the circumference into all grooves using a hot air gun. Do not melt or burn the shrink.

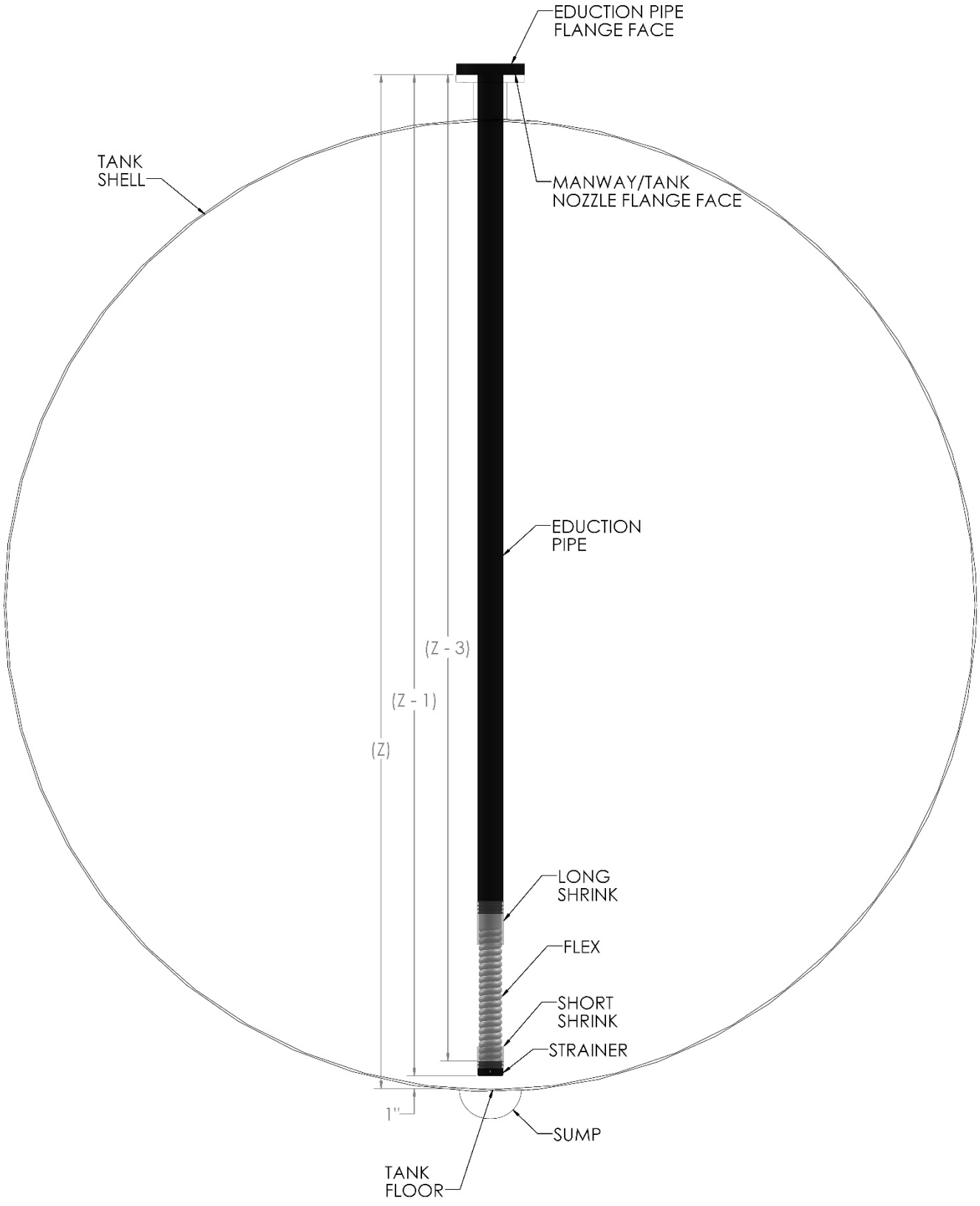
Replacement

1. Cut just the edge of the old shrink not covering the flex and peel off.
2. Replace the flex if any damage or deformity is visible.
3. Screw flex onto pipe until all convolution threads are fully engaged. Righty tighty. Note: A strap wrench or oil filter wrench is a good tool for this process.
4. Continue with step (1) of the 'New Installation' instructions above.

Additional Guidelines

1. Pipes should be inspected as often as possible.
2. Replace any pipe, flex, shrink or strainer that has damage or deformity, new or used.
3. Store pipes hanging upright by their flange out of sunlight.
4. Chemical compatibility is ultimately the responsibility of the user. Compatibility of any commodity with a PolyPetroChem eduction pipe should be confirmed prior to service.

(FIGURE 1 ON BACK)


EDUCTION PIPE
FLANGE FACE
TANK
SHELL
MANWAY/TANK
NOZZLE FLANGE FACE
EDUCTION
PIPE
(Z - 3)
(Z - 1)
(Z)
LONG
SHRINK
FLEX
SHORT
SHRINK
STRAINER
1"
SUMP
TANK
FLOOR