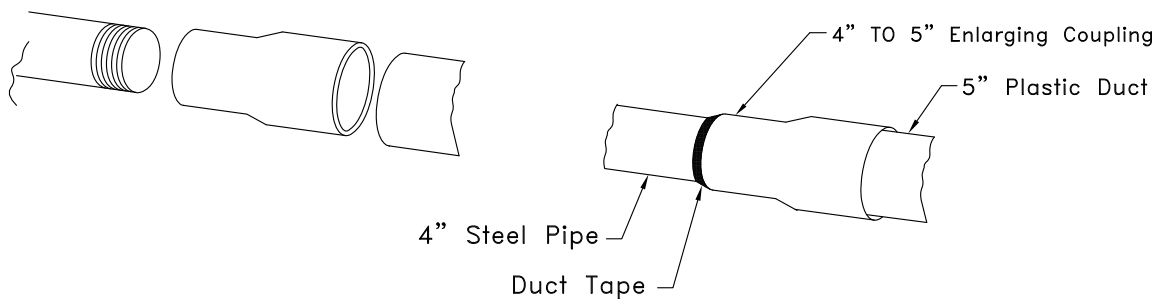


ADAPTING PLASTIC DUCT TO OTHER DUCT MATERIALS

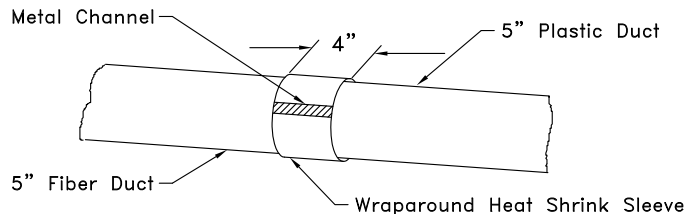
5. When joining 5" plastic duct to 4" threaded or non-threaded steel pipe (See Figure 18), proceed as follows:
 - a. Use a 4" X 5" PVC enlarging coupling.
 - b. Apply thin coating of sealing material to male end of the steel pipe.
 - c. Slide on plastic enlarging coupling and apply duct tape over the joint.
 - d. Cement a length of 5" plastic duct into the enlarging coupling and continue the run.


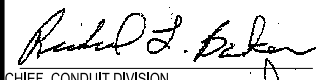
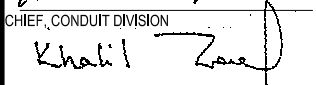
Figure 18



6. When joining 5" plastic duct to 5" fiber duct (See Figure 19), proceed as follows:
 - a. Butt fiber duct and PVC duct tightly. Remove the white inner liner from the wraparound heat shrink sleeve. Position the wraparound sleeve centrally over the butt joint (2" min. overlap). Slide the metal channel into position along the rails of the wraparound sleeve. Shrink the wraparound sleeve starting in the middle. When the center area is completely shrunk, move toward one end. Then work toward the other. Move the torch with a brushing motion around the sleeve. Be sure to heat the whole circumference of the wraparound sleeve during shrinking. The joint is now complete. Allow to cool before moving.
 - b. Continue run with 5" plastic duct.

Figure 19



	APPROVED:  CHIEF, CONDUIT DIVISION	CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION CONDUIT DIVISION	ISSUED 8 / 2010	REVISED	REVISED	
	 DIRECTOR, DEPARTMENT OF TRANSPORTATION	ADAPTING PLASTIC DUCT TO OTHER DUCT MATERIALS	STANDARD NO. BC 892.01-10			SCALE : NONE