
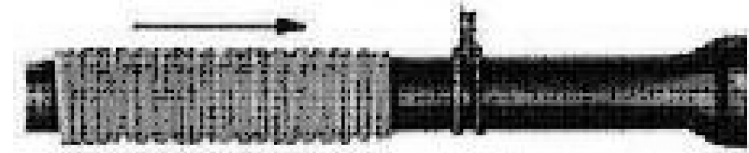


SLEEVE TO BE PRESSURE RATED AT 150 PSI WORKING PRESSURE 225 PSI TEST PRESSURE.

1. GASKETS TO PROVIDE 360 DEGREE PIPE COVERAGE IN ADDITION TO A FULL CIRCUMFERENCE BRANCH SEAL GASKET.
2. EXISTING PIPE TO BE DISINFECTED PRIOR TO INSTALLATION OF LINE STOP.
3. STAINLESS STEEL TEST PORT AND PLUG SHALL BE PROVIDED AND THE LINE STOP SLEEVE IS TO BE PRESSURE TESTED PRIOR TO CUTTING THE EXISTING PIPE.
4. V-LUGS SHALL BE FABRICATED TO THE SLEEVE AND DROP-IN STAINLESS STEEL BOLTS, NUTS, AND WASHERS (18-8 MINIMUM GRADE) PROVIDED. NUTS SHALL BE COATED WITH ANTI-SIEZE COMPOUND TO PREVENT GALLING.
5. PROVIDE AS-BUILT FOR LOCATION AND ELEVATION OF TOP OF FLANGE ON RECORD DRAWINGS.
6. ACCEPTABLE LINE STOP SLEEVES ARE HYDRA STOP PREMIER LINE STOP FITTING OF ALL STAINLESS STEEL CONSTRUCTION WITH DROP-IN BOLT OPTION AND SMITH BLAIR MODEL 685 ALL STAINLESS STEEL LINE STOP TAPPING SLEEVE WITH ALL BOLTS, NUTS, AND WASHERS AND BLIND FLANGES TO BE 18-8 TYPE 304 STAINLESS. STOPPLE (COMPLETION) PLUG TO BE DUCTILE IRON OR STAINLESS STEEL.

		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: LINE STOP TAPPING SLEEVE			
SCALE:	SECTION 500:	DATE:	
NTS	ARTICLE 511.5	10-01-12	WATER 11



CUT A SECTION OF POLYETHYLENE TUBE APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION. REMOVE ALL LUMPS OF CLAY, MUD, CINDERS, OR OTHER MATERIAL THAT MIGHT HAVE ACCUMULATED ON THE PIPE SURFACE DURING STORAGE. SLIP THE POLYETHYLENE TUBE AROUND THE PIPE, STARTING AT THE SPIGOT END. BUNCH THE TUBE ACCORDION-FASHION ON THE END OF THE PIPE. PULL BACK THE OVERHANGING END OF THE TUBE UNTIL IT CLEARS THE PIPE END.



MAKE THE OVERLAP OF THE POLYETHYLENE TUBE BY PULLING BACK THE BUNCHED POLYETHYLENE FROM THE PRECEDING LENGTH OF PIPE AND SECURING IT IN PLACE. NOTE: THE POLYETHYLENE MAY BE SECURED IN PLACE BY USING TAPE, STRING, PLASTIC TIE STRAPS, OR ANY OTHER MATERIAL CAPABLE OF HOLDING THE POLYETHYLENE ENCASMENT SNUGLY AGAINST THE PIPE.




TAKE UP SLACK IN THE TUBE ALONG THE BARREL OF THE PIPE TO MAKE A SNUG, BUT NOT TIGHT, FIT. FOLD EXCESS POLYETHYLENE BACK OVER THE TOP OF THE PIPE.



REPAIR ALL SMALL RIPS, TEARS OR OTHER TUBE DAMAGE WITH MANUFACTURER APPROVED ADHESIVE TAPE.

1. COVER BENDS, REDUCERS AND OTHER PIPE-SHAPED APPURTENANCES WITH POLYETHYLENE IN THE SAME MANNER AS THE PIPE.
2. WRAP VALVES, TEES AND OTHER ODD-SHAPED APPURTENANCES WITH A FLAT SHEET OR SPLIT LENGTH OF POLYETHYLENE TUBE BY PASSING THE SHEET UNDER THE APPURTENANCES AND BRINGING IT UP AROUND THE BODY. MAKE SEAMS BY BRINGING THE EDGES OF THE POLYETHYLENE SHEET TOGETHER, FOLDING OVER TWICE, AND TAPING DOWN.
3. POLYETHYLENE ENCASMENT TO BE IN ACCORDANCE WITH A.W.W.A. C105-99OR LATEST VERSION.
4. COPPER SERVICE TAPS ARE TO BE WRAPPED WITH POLYETHYLENE OR A SUITABLE DIELECTRIC TAPE FOR A MINIMUM CLEAR DISTANCE OF 3' AWAY FROM THE MAIN.

		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: POLYETHYLENE ENCASMENT			
SCALE:	SECTION 500:	DATE:	
NTS	ARTICLE 514	10-01-12	WATER 12

DESIGNED <i>PJO</i>	REVISED -	STATE OF ILLINOIS	WATER MAIN STANDARD DRAWINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET
							NO.	NO.
DRAWN <i>KES</i>	REVISED -	DEPARTMENT OF TRANSPORTATION	CITY OF NAPERVILLE	338	(112 & 113) WRS-6	DUPAGE	734	328
CHECKED <i>JCM</i>	REVISED -			WAT STD-6		CONTRACT NO. 60R31		
DATE <i>12/14/2012</i>	REVISED -	SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				