



DUCT SIZE	MANDREL SIZE *	SAFE WORKING LOAD **
1-1/2"	1-1/4"	1400
2-0"	1-3/4"	2330
3-0"	2-3/4"	2330
4-0"	3-3/4"	4800
5-0"	4-3/4"	4800
6-0"	5-3/4"	4800

NOTES:

1. THE FLEXIBLE MANDREL IS CONSTRUCTED OF POLYURETHANE DISCS OF GRADUATED SIZES STRUNG ON A CABLE 3/8" MINIMUM DIAMETER SEPARATED BY BEVELED SPACERS AND EQUIPPED WITH DROP-FORGED STEEL SOCKET EYES ON EACH END.
2. REMOVE SHARP EDGES FROM EACH DISC TO AVOID DAMAGE TO THE DUCT.
3. ALL TESTING SHALL BE WITNESSED BY THE ELECTRIC UNDERGROUND INSPECTOR.
4. ALL CONDUITS, NEW OR EXISTING, SHALL BE TESTED AND APPROVED PRIOR TO INSTALLATION OF ANY CABLES.

* OUTSIDE DIAMETER OF THE 3 CENTER DISCS.
 ** SAFETY FACTOR (HORIZONTAL PULL ONLY.)

APPROVED _____ 99	ENGINEERING STANDARD			
ENGR. _____ <i>Original Signed and Approved by Engineering Manager</i>	MANDREL TESTING	1	11/08	ADDED NOTE 3 & 4
		REV	DATE	DESCRIPTION
ENGR. _____	CITY OF PALO ALTO CALIFORNIA	NTS	DT-SS-U-1025	1 of 1
DRAWN _____		SCALE	STANDARD NO.	SHEET NO.
CHECKED _____ PEV				