

# **APPENDIX C**

## **MANUFACTURER'S DATA SHEET**

**APPENDIX A: DATA SHEET  
INFORMATON ON THE PIPE JOINT**

**Pipe Type and size:** HOBAS Centrifugal Cast Fiberglass Reinforced Polymer Mortar-30"

**Joint Product Name:** HOBAS FWS Coupling

**Joint Manufacturer Name and Address:** HOBAS Pipe USA/ 1413 Richey Rd.  
Houston, Texas 77073

**Joint Type and Materials:**

Double Bell Coupling/ EPDM Elastomer/ Thermoset Resin Fiberglass Reinforcement

**ASTM Specification:**

D4161

<b>PROPERTIES OF JOINT MATERIAL</b>	<b>Manufacturer's Data</b>
Hardness- Shore D (ASTM D 2240)	SHORE A EPDM 55 to 60
Dimensions	250 mm wide / Double Lip Seal
Chemical Resistance of Joint Materials	Essentially Inert to Sanitary Sewer/ See Polyester Resin & EPDM
Properties of Gasket	Per ASTM F477
Bending Strength or Tensile Strength of Joint materials (MPa)	Elastomer Per F477 FWC Coupling Body Strength= 40,000 psi
Durability (Freeze-thaw)	Per F477

<b>PERFORMANCE</b>	<b>RESULT/REQUIREMENT</b>
Leak rate and type of test	Zero Leak per D4161
Minimum Cure Time before Immersion into Service	24 HRS.
Other hazards or Method of Disposal	N/A

<b>VENDER EXPERIENCE</b>	<b>COMMENTS</b>
Length of use and History	40 Years - Worldwide
Limitation to pipe size	None / Current 6" to 102"
QA/QC Program for Joints	Per D4161 & F477