

SPECIFICATIONS

Dallas Specialty Flexible PVC Pipe Coupling

for Sewer & Drain applications

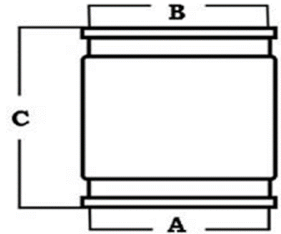
Dallas Specialty DS51 Series Couplings fit a variety of piping sizes, one end accommodates Ductile Iron or A/C Fibre Piping Systems and opposite end for CI/PVC will also accommodate SDR35, Plastic, Service Weight, No-Hub, Stainless Steel, XHCl, ABS and other piping systems with similar pipe od's



Part pictured may not be actual coupling, picture for reference only / Part may or may not be assembled with flexible PVC bushings to accommodate size reduction

Part# **DS51-44**

Fits : 4" A/C Fibre, Ductile Iron x 4" Cast Iron/PVC Pipe
Accommodates pipe size range 4.50"-4.95" pipe od's x 4.20"-4.60" Pipe OD's



Coupling Made to ID Specifications

"A" (ID)	"B" (ID)	"C" WIDTH
4.75" id	4.38" id	4.00"




Maximum Temperature	140° degree F
Minimum Temperature	-30° degree F
Pressure Rating	No Pressure / for drainage
Material / Resins	Flexible PVC
Coupling Wall Thickness	3/8" Thickness

Install Torque	60in-lb torque
Meets ASTM	C1173 / D5926
Case Qty	24pc/case
Clamp SS Series	301 Series Stainless Steel
Clamps/Bands	(2) Worm Gear Style / All Stainless Clamps

Coupling

- Meeting Material Requirements of IPC[®] / IRC[®]
- cUPC[®] Meets Canadian Standards
- ASTM C-1173 D-5926 
- Sporadic Temperature Rating 140°
- Maximum Test Pressure 4.3 PSI

Clamps

- (2) Stainless Steel Clamps / 1/2" Wide - 301SS Stainless Steel
- Installation Torque: 60in-lb
- Clamp Screw: 5/16" Hex Head / AISI 301SS
- Clamp Housing: All Stainless Steel / AISI 304SS
- Meets Requirements: SAE J1670 

Typical Properties	ASTM C-1173 specification requires	Coupling mfg'd to Durometer 60S-60	ASTM#
Durometer Shore A, ± 3 15sec	ASTM requires 50-75	Durometer 64	D-2240
Tensile Strength, PSI	ASTM requires 1000	Maximum 1400	D-412
Elongation, Min-Max %	ASTM requires 200	Maximum Elongation 360	D-412
Brittle Temperature Tb C°	ASTM requires -40°	Brittle Temp. -35°	D-746
Tear Strength	ASTM requires 150in-lb	Tear Strength 150in-lb	D-746



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