
 AWWA  
C901/C906


<b>Product Family:</b>	Injection Molded Electrofusion Fitting	<b>Fitting Design:</b>	Transition Saddle
<b>Resin Status:</b>	NSF Listed Bi-Modal Virgin Resin	<b>Nominal Base Sizes:</b>	2" – 36"
<b>Resin Type:</b>	ASTM D3350 designated PE3408/PE4710/PE100	<b>Nominal Pipe Standard:</b>	IPS and DIPS
<b>Resin Cell Class:</b>	4455574-CC3	<b>Currently Available SDR's:</b>	11/17
<b>Outlet Material</b>	ANSI/ NSF-372 No-Lead Brass or 316 Stainless Steel	<b>Threaded Outlet:</b>	Over Molded/ Factory Fused
<b>Thread Patterns</b>	ANSI/AWWA C800 Standard CC or ANSI B1.20 NPT NSF/ANSI-372	<b>Threaded Outlet Sizes:</b>	3/4" – 2"
<b>Manufactured and tested to meet requirements of:</b>		ASTM F1055, ASTM D2513, ASTM D3261, ANSI/AWWA C901 & C906, FM 1613, NSF 61	
<b>For use on pipe and fittings conforming to:</b>		ASTM D2513, ASTM D3035, ASTM F-714	

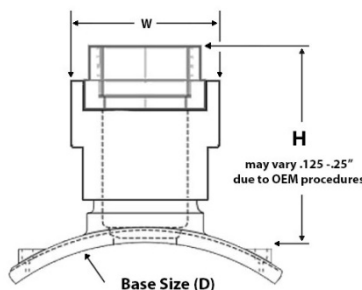
*For Material and Testing information, please refer to our Electrofusion Fitting Specification Sheet.*

## IPS & DIPS Fixed Base Saddles

SDR 11/17- Pipe Diameter Specific

200/125 PSI (MAOP @ 73.4° F)

Base Size (D) [in.]	Outlet t Size	Outlet Type	Thread Pattern	H [in.]	W [in.]	Weight [lbs.]	Item Code	Straps Incl.
2" IPS (fixed base)	3/4"	Brass	CC	3.06	2.53		200850	1
	1"	Brass	CC	3.06	2.53		200851	1
	1"	Brass	NPT	3.06	2.53		200852	1
	2"	Brass	NPT	4.37	3.67		200854	1
	1"	316 Stainless	NPT	4.37	2.53		200853	1
	2"	316 Stainless	NPT	4.37	3.67		200855	1
3" IPS (fixed base)	3/4"	Brass	CC		2.53		200841	1
	1"	Brass	CC		2.53		200805	1
	1"	Brass	NPT		2.53		200803	1
	2"	Brass	NPT		3.67		200801	1
	1"	316 Stainless	NPT		2.53		200804	1
	2"	316 Stainless	NPT		3.67		200802	1
4" IPS (fixed base)	3/4"	Brass	CC		2.53		200842	1
	1"	Brass	CC		2.53		200810	1
	1"	Brass	NPT		2.53		200808	1
	2"	Brass	NPT		3.67		200806	1
	1"	316 Stainless	NPT		2.53		200809	1
	2"	316 Stainless	NPT		3.67		200807	1
4" DIPS (fixed base)	3/4"	Brass	CC		2.53		200843	1
	1"	Brass	CC		2.53		200815	1
	1"	Brass	NPT		2.53		200813	1
	2"	Brass	NPT		3.67		200811	1
	1"	316 Stainless	NPT		2.53		200814	1
	2"	316 Stainless	NPT		3.67		200812	1


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## IPS & DIPS Multi-Base Saddles

SDR 11/17 Flexible Saddle Bases Will Fit Multiple Pipe Diameters

200/125 PSI (MAOP @ 73.4° F)

Base Size (D) [in.]	Outlet Size	Outlet Type	Thread Pattern	H [in.]	W [in.]	Weight [lbs.]	Item Code	# of Straps Incl.
6" IPS / DIPS (multi - base)	3/4"	Brass	CC		2.53		200844	1
	1"	Brass	CC		2.53		200820	1
	1"	Brass	NPT		2.53		200818	1
	2"	Brass	NPT		3.67		200816	1
	1"	316 Stainless	NPT		2.53		200819	1
	2"	316 Stainless	NPT		3.67		200817	1
8" IPS/DIPS – 10" IPS/DIPS (multi - base)	3/4"	Brass	CC		2.53		200845	1
	1"	Brass	CC		2.53		200825	1
	1"	Brass	NPT		2.53		200823	1
	2"	Brass	CC		3.67		200821	1
	1"	316 Stainless	NPT		2.53		200824	1
	2"	316 Stainless	NPT		3.67		200822	1
12" IPS/DIPS – 18" IPS/DIPS (multi - base)	3/4"	Brass	CC		2.53		200846	1
	1"	Brass	CC		2.53		200830	1
	1"	Brass	NPT		2.53		200828	1
	2"	Brass	NPT		3.67		200826	1
	1"	316 Stainless	NPT		2.53		200829	1
	2"	316 Stainless	NPT		3.67		200827	1
20" IPS/DIPS – 22" IPS/DIPS (multi - base)	3/4"	Brass	CC		2.53		200847	1
	1"	Brass	CC		2.53		200835	1
	1"	Brass	NPT		2.53		200833	1
	2"	Brass	NPT		3.67		200831	1
	1"	316 Stainless	NPT		2.53		200834	1
	2"	316 Stainless	NPT		3.67		200832	1
20" IPS/DIPS – 36" IPS/DIPS (multi - base)	3/4"	Brass	CC		2.53		----	2
	1"	Brass	CC		2.53		200840	2
	1"	Brass	NPT		2.53		200838	2
	2"	Brass	NPT		3.67		200836	2
	1"	316 Stainless	NPT		2.53		200839	2
	2"	316 Stainless	NPT		3.67		2005837	2

Fusion times for Electrofusion fittings are specifically determined to generate the proper "melt pool" needed to effectively join pipe and fittings based on specific SDR range of the fitting. The standard "rule of thumb" of +/- 1 SDR still applies to electrofusion fittings. SDR 11 Couplers can be fused on SDR 17 or SDR 9 pipe using the same fusion time. For applications with wall thicknesses that exceed +/- 1 SDR, the installer must contact Integrity Fusion Products for barcodes with modified fusion times, if available. **Important Note:** "systems installing components containing differing SDR's must be de-rated to the pressure rating of the component possessing the lowest pressure rating"

**Integrity Fusion Products strongly requires** that all individuals installing electrofusion fittings in permanent field applications should be done only by individuals who have a strong working knowledge of polyethylene and heat fusion methods, that have been properly trained, qualified, and hold a current training certificate issued from a recognized electrofusion fitting manufacturers authorized instructor, and that have demonstrated their understanding of these requirements by correctly preparing electrofusion test assemblies that have been qualified by recognized ASTM destructive testing. Other stipulations and regulations may apply, depending on fitting size, application, local codes, and/or jurisdictional oversight of other state and local regulating agencies.