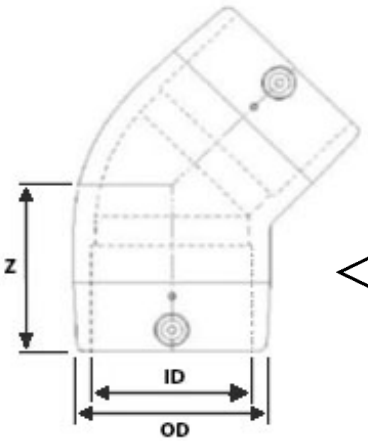
Molded Small Diameter Electrofusion 45° Elbow Dimension Sheet

45° Elbow



American Water Works Association

CERTIFIED TO NSF/ANSI 61 SECTION 4 NSF/ANSI 372

FM APPROVED

TAA COMPLIANT

Product Family:	**Injection Molded Electrofusion Fitting**	**Fitting Design:**	**45° Elbow**
Resin Status:	**NSF Listed Bi-Modal Virgin Resin**	**Nominal Pipe Sizes:**	**2" – 8"**
Resin Type:	**ASTM D3350 designated PE3408/PE4710/PE100**	**Nominal Pipe Standard:**	**IPS**
Resin Cell Class:	**4455574-CC3**	**Currently Available SDR's:**	**11/17**
Manufactured and tested to meet requirements of:	**ASTM F1055, ASTM D2513, ASTM D3261, ANSI/AWWA C901 & C906, FM 1613, NSF 61**		
For use on pipe and fittings conforming to:	**ASTM D2513, ASTM D3035, ASTM F-714**		

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

IPS

SDR 11/17 (standard dimension ratio) **200/125 PSI Water – 100 PSI Gas (MAOP @ 73.4° F)**

Nominal Size	OD [in.]	ID [in.]	Z [in.]	Stab Depth [in.]	Weight [lbs.]	Item Code	FM Class
2" IPS	2.375	2.7	2.7	-----	0.90	200054	FM 150
3" IPS	3.500	3.7	3.7	-----	2.10	200055	FM 150
4" IPS	3.500	4.7	4.7	-----	5.70	200056	FM 150
6" IPS	4.500	6.3	6.3	-----	8.50	200057	FM 150
8" IPS	8.625	8.0	6.0	-----	18.5	200058	FM 150

NOTE: Stab Depths are based on current fitting design and lengths and may be subject to change

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.