



isoweld[®]-B System Battery Powered Induction Welding Equipment



Application

Innovative welding system that securely attaches TPO and PVC membrane to insulation and substructure

Features and benefits

- Cordless unit; no need for dedicated generators or extension cords
- Ergonomic design for ease of maneuvering around rooftops
- 3-way weld verification
- No false positive welds
- 1 step calibration
- Constant monitoring of membrane surface temperature
- Plate-finding search function

Product Selection

Image	Material No.	Tool	Description	Weight
	2144059	Full series standup set (Includes isoweld [®] -B standup tool, 2 batteries, and a charger)	TOOL-ISOWELD-B-STANDUP COMP SET	145 lbs (In cases)
	2144072	isoweld [®] -B mobile w/ battery kit (Includes mobile cart, 2 batteries, 1 charger, and handheld inductor)	TOOL-ISOWELD-B-MOBILE COMP SET	110 lbs (In case)
	2142036	isoweld [®] -B mobile (Includes mobile cart and handheld inductor)	TOOL-ISOWELD-B-GTX-MOBILE-US	40 lbs
	1675690	isoweld [®] handheld inductor	TOOL-FI-H-US	6 lbs
	1550564	isoweld [®] magnet set (12 pcs)	TOOL-isoWeld MAGNET-US-12 CASE SET	65 lbs (In case)
	2142040	isoweld [®] -B battery kit (Includes 2 batteries and 1 charger)	TOOL-ISOWELD-B-BATTERY KIT	70 lbs (In case)
	1706218	Pad for EPS/XPS applications	FI-Pad	N/A

US
T 800 234 4533
us.sfs.com

Canada
T 866 847 5400
ca.sfs.com

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (02/2025, V1.01)



isoweld[®]-B System Stress Plates for Induction Welding Attachment



Application

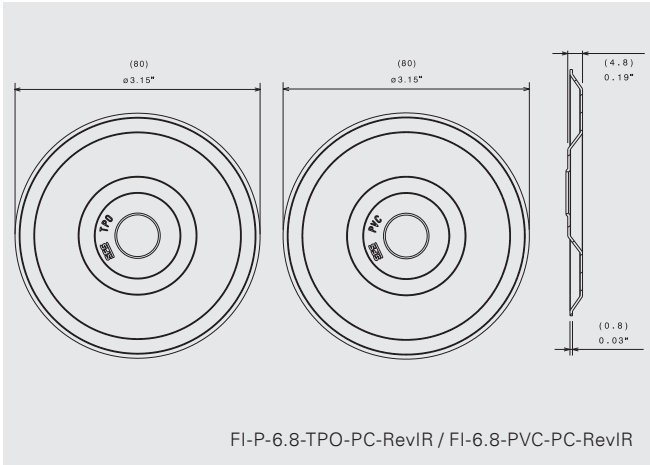
TPO and PVC/KEE/TPA membrane attachment using isoweld[®] induction welding tools

Features and Benefits

- Proprietary adhesive for secure weld
- Stacked for ease of use
- 22 ga. G90 Galvanized steel

Product Selection

Material No.	Item	Description	Carton Wt. (lbs.)	Carton Qty.
1555270	isoweld [®] PVC plate	FI-P-6,8-PVC-PC	34	500
1555269	isoweld [®] TPO plate	FI-P-6,8-TPO-PC	34	500



Specifications

OD: 3.15" (80 mm) Round
 Material: G90 Steel with proprietary adhesive coating
 Back of plate: Gray polyester coating
 Color (front of plate): TPO – Yellow
 PVC/KEE/TPA – Purple

Approvals



State of Florida: FL20311

22-0913.02

Installation and Application Considerations

Use with isoweld[®] induction welding tools and applications approved by the roofing system manufacturer. Use with:

- #15 Dekfast
- #12 Purlin
- TPR-L Peel Rivet

Contact SFS for special application use with #12 or #14 Dekfast

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