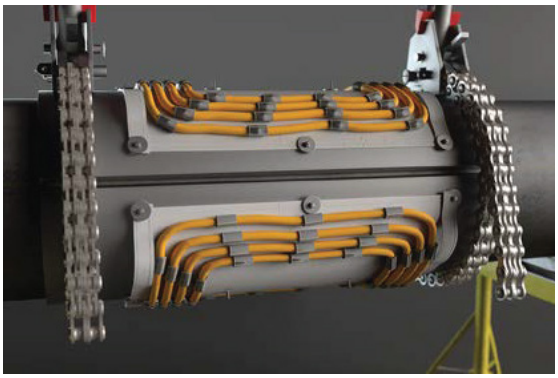
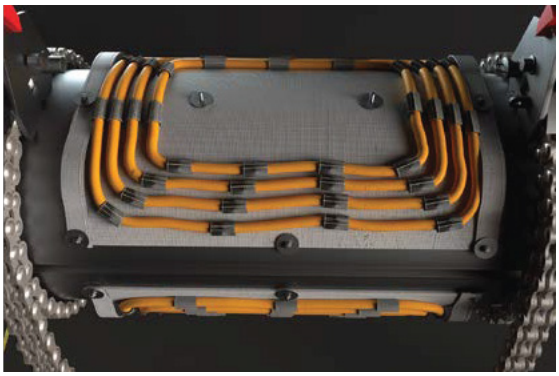
Compression Sleeve

The Compression Sleeve is a Type A induction-heated repair sleeve used to reinforce cracks or crack-like defects on a pipeline. No open flame is required, and the system guarantees measurable and controllable heat input. Once installed, the sleeve puts the carrier pipe into a state of compression, reducing the overall fatigue stress on the pipe. Because circumferential welds are not required for this Type A sleeve, the Compression Sleeve can be placed directly over pipe laminations, bypassing the limits of traditional Type B repair sleeves for maximum effectiveness.





Included Items for Each Compression Sleeve:

- (2) 40" (1.02m) long Compression Sleeve Halves
- (2) Weld Backing Strips
- Epoxy
- Epoxy Mixing and Installation Tools
- Installation Manual

Industry Recognized Specifications:

- API 1176 Table 2
- API 1176 15.7
- CSA Z662 10.11.4.4
- CSA Z662 Table 10.2
- PRCI Pipeline Repair Manual

Technical Specs:

- 3" thru 48" pipe sizes available
- All sleeves are A572 gr 65
- All std sleeves are 3/8" thick
- All sleeves are 40" (1.02m) long

Rental Induction Heating Equipment:

- Self-Contained, Skid Mounted
- Weekly or Monthly Rental Available
- Includes:
  - Induction Heating Equipment
  - (2) Induction Blankets w/ Induction Heating Coils
  - (4) Temperature Thermocouples
  - Gap Measuring Tool & Temp Measuring Tool
  - Installation Manual

Induction Heating Equipment powered by 36kw (or larger) generator not included. Generator rental by contractor.

Rental skid assembly

Allan Edwards, Inc. 6468 N Yale Ave. Tulsa, OK 74117 allanedwards.com (918) 583-7184

Allan Edwards, Inc.

Compression Sleeve Ordering Information

Part Number Formula

CS - __X__ - 38 - 65 - 40 - M

Nominal Pipe Size (Inches)	"X"	Sleeve Weight 2 Halves (lbs)
*3"	3.5	42
*4"	4.5	54
6"	6.58	79
8"	8.58	103
10"	10.75	129
12"	12.75	152
14"	14	167
16"	16	191
18"	18	215
20"	20	239
22"	22	263
24"	24	287
26"	26	311
28"	28	335
30"	30	359
32"	32	383
36"	36	431
40"	40	478
42"	42	502
48"	48	574

**These sizes max at 1/4" wall thickness. The part number would be CS-X-14-65-40-M.*