

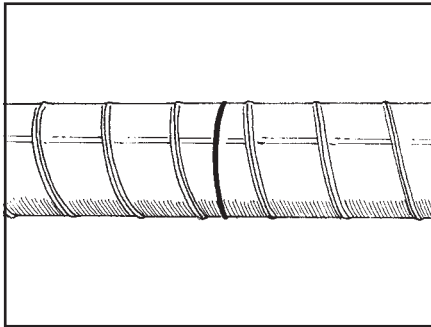


**Materials and equipment**

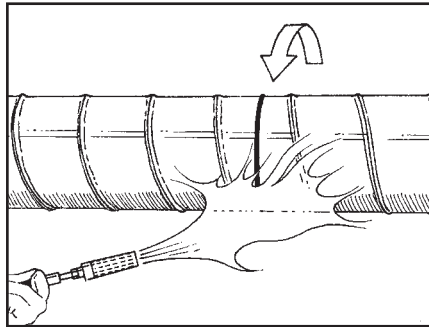
1. TWDB (supplied with high temperature closure tape)
2. Torch
3. Propane gas tank, regulator and hose
4. Gloves

**Recommended TWDB tape widths**

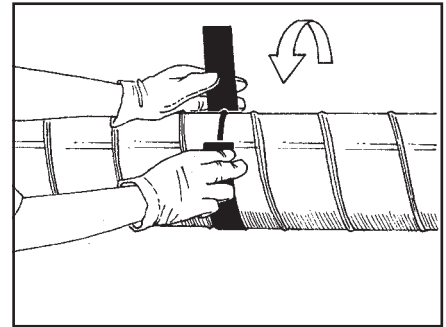
- |                        |           |
|------------------------|-----------|
| Duct to Fitting to 24" | -2" width |
| Duct to Fitting > 24"  | -3" width |
| Duct to Duct ≥ 12"     | -2" width |
| Duct to Duct 14-48"    | -3" width |
| Duct to Duct > 48"     | -4" width |



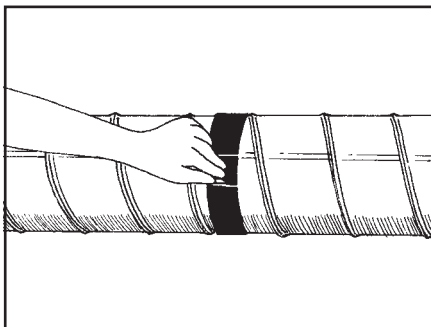
Join duct sections using internal couplers or crimped end male/female type connection. Apply sheet metal screws. 2 screws 180° apart are usually sufficient.



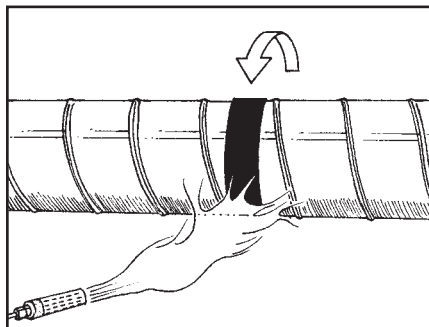
Wipe joint area to remove foreign materials. Preheat joint to remove moisture and burn off surface oil that may be present.



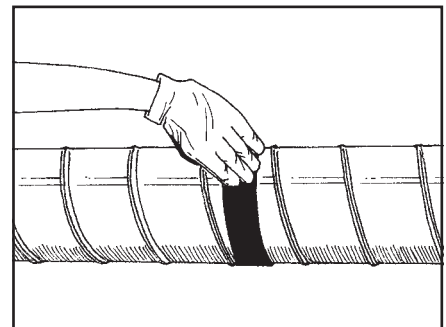
Cut TWDB to appropriate length. See sizing chart on reverse side. Center TWDB and wrap around duct joint.



Using high temperature tape, secure the loose TWDB end by taping in place.



Using a standard propane torch, heat TWDB on all sides until it has shrunk uniformly and adhesive is showing at each end.



Smooth down the overlap area with gloved hand to ensure proper contact to duct. Note: See reverse side for rectangular and flat oval duct.

# TWDB

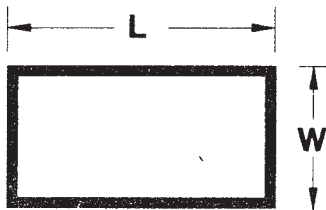
## TWDB sizing chart

### Round duct

\* Cut length includes a 2 inch overlap required to insure proper sealing.

Duct size	TWDB cut length*	Duct size	TWDB cut length
2"	9"	30"	97"
3"	12"	32"	103"
4"	15"	34"	109"
5"	18"	36"	115"
6"	21"	38"	122"
7"	24"	40"	128"
8"	28"	42"	134"
9"	31"	44"	141"
10"	34"	46"	147"
11"	37"	48"	153"
12"	40"	50"	160"
14"	46"	52"	166"
16"	53"	54"	173"
18"	59"		
20"	65"		
22"	72"		
24"	78"		
26"	84"		
28"	90"		

### Rectangular duct

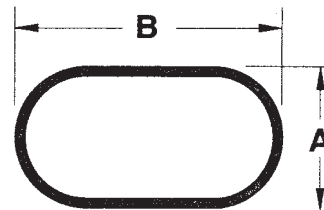


TWDB may be used to seal rectangular ducting. The proper length to cut is shown below.

Length of TWDB  
 $= 2 + \text{Perimeter}$   
 $= 2 + 2(L+W)$   
 Dimensions in inches.

**Note:**  
 Be sure to measure outer dimensions as size on print often refers to internal dimensions.

### Flat oval duct



TWDB may be used to seal flat oval ducting. The proper length to cut is shown below.

Length of TWDB  
 $= 2 + \text{Circumference}$   
 $= 2 + 2.2\sqrt{A^2 + B^2}$   
 Dimensions in inches.

**Note:**  
 Be sure to measure outer dimensions as size on print often refers to internal dimensions.

Rectangular size	Length of TWDB (inches)
6 x 4	22
6 x 6	26
8 x 4	26
8 x 6	30
8 x 8	34
10 x 4	30
10 x 6	34
10 x 8	38
10 x 10	42
12 x 4	34
12 x 6	38
12 x 8	42
12 x 10	46
16 x 8	50
16 x 12	58
16 x 16	66
20 x 8	58
20 x 12	66
20 x 16	74
20 x 20	82

Flat oval	Length of TWDB (inches)
3 x 8	21
3 x 9	23
3 x 11	28
3 x 12	30
3 x 14	34
3 x 15	36
4 x 7	20
4 x 9	24
4 x 10	26
4 x 12	31
4 x 13	33
4 x 15	37
6 x 8	25
6 x 9	26
6 x 11	30
6 x 12	32
6 x 14	36
8 x 10	31
8 x 11	33
8 x 13	36
10 x 12	37

**Note:**

Install TWDB on rectangular and flat oval duct following the procedures for round duct with the following additional step: Immediately after shrinking is complete, press down the still hot TWDB with roller or gloved hand on flat sections.



*Berry Plastics warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Berry Plastics written instructions. Since many installation factors are beyond the control of Berry Plastics, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Berry Plastics liability is stated in the standard terms and conditions of sale. Berry Plastics makes no other warranty either expressed or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.*



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