

Technical Note

FURNACE BELT MEASUREMENT

DOC NBR: TEC-245

APRVD: JMC 02 AUG 07

PAGE 1 OF 1

1.0 SCOPE

All belt furnaces (including RTC, LCI, TPS, BTU, Despatch, SierraTherm, W-J and others).

2.0 PURPOSE

To specify a replacement belt.

3.0 TOOLS REQUIRED

Tape Measure, Calipers, Camera

4.0 DESCRIPTION

New and replacement conveyor belts are specified as follows:

- 1. BW=Belt Width
- 2. FL=Furnace Length
- 3. SP=Spiral Wire Pitch
- 4. CP=Cross Rod Pitch
- 5. CD=Cross Rod dia
- 6. SD=Spiral Wire dia
- 7. Max Temp

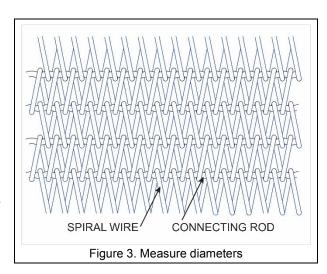
Figure 2. Photo along belt length

Figure 1. Photo across belt width



Measure and photograph the belt as follows:

- 1. Take a clear photo across belt width with an inch tape measure showing edge to edge dimension and spiral weave. (Figure 1)
- 2. Take a clear photo with an inch tape measure showing 6 to 12 inches of belt length (Figure 2).
- 3. CD. Measure Connecting Rod diameter in inches (Fig 3).
- 4. SD. Measure Spiral Wire diameter in inches (Fig 3).
- 5. FL. Measure furnace from furnace entrance roller to exit roller in inches.
- 6. Max temperature of furnace in deg C.



Email CD, SD, FL dimensions, max temp and pictures (as an email attachment) to <u>parts@furnacepros.com</u>. Pictures should be clear enough to show belt weave and edge design.