

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

5.0 PROCEDURE

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.

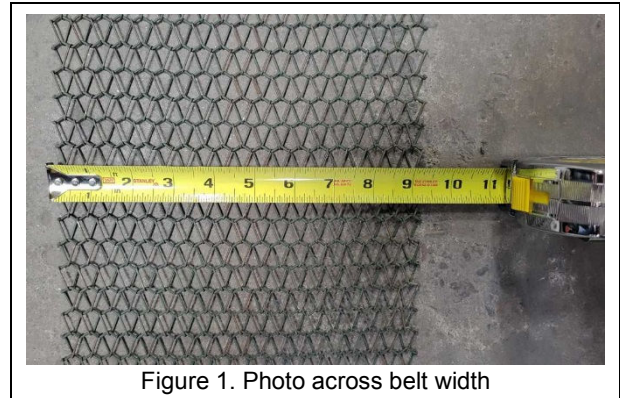


Figure 1. Photo across belt width

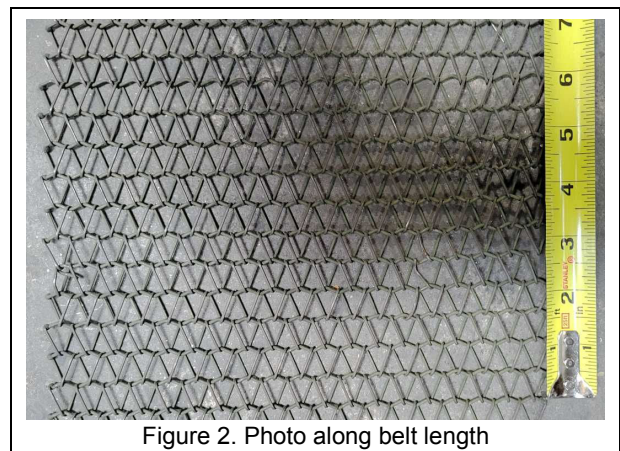


Figure 2. Photo along belt length

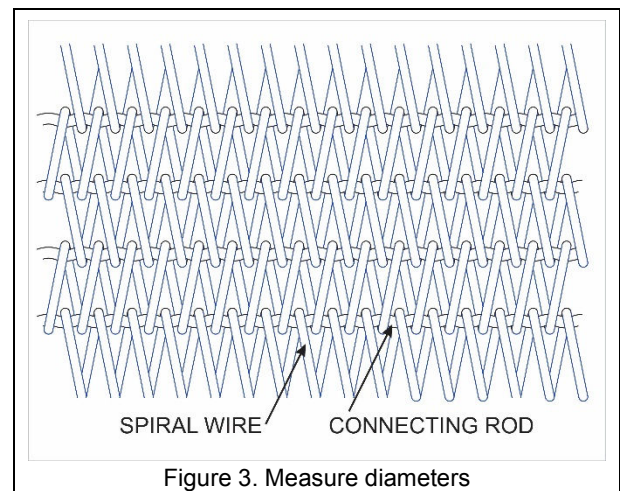


Figure 3. Measure diameters

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