

Datasheet Coupling Light



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General information

The Coupling lines up pipes and protects the bevelled pipe end during the external coating process. It allows you to achieve the optimal end-quality of the coating application and enhances stability and efficiency of the coating process. The light model is especially designed for easy handling and can be applied with a torque wrench with socket.

Application

The Coupling is fixated in one pipe end by 5 expandable clamping feet, which are operated by one central screw. When pipes run together during coating, the upcoming pipe is automatically lined up by 5 centring rolls. The Coupling is applied in the pipe and the shaft is tightened with a torque wrench. This Coupling Light will adapt to the right wall thickness.

Wall thickness range:

508mm – 660mm (20" – 26")	6,35mm – 25,4mm (0.25"- 1.5")
711mm – 1.422mm (28" – 56")	6,35mm – 38,1mm (0.25" – 1.5")



Fig. 1 Coupling Light

Features

- ✓ The Coupling stabilizes the coating process
- ✓ Increase of production capacity, higher line speeds possible
- ✓ Equally spread FBE coating thickness
- ✓ Easy to adjust for different wall thickness
- ✓ Only a torque wrench required for installing the coupling

Material specifications

Centring roll : Nylon 6.6
: Aluminum
Centring disk : Steel St.52
Plate padding : Aluminum
Friction pad : Friction material
Construction frame : Steel

Product range : 508mm – 1.422mm (20" - 56")
Wall thickness range : 6,35mm – 38,1mm (0.25" – 1.50")
(Modification possible)
Product code : CLT

Commodity / HS code : 73079980

Additional information

- Allowable temperature induction oven: max 240°C (464°F)
- Spare parts available:
 - Centring roll
 - Centring disk
 - Plate padding
 - Friction pad

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