



COVERED FURNACE ROLLS

GLASS AND STEEL PLATE CONVEYING

Pyrotek covered and donut collared furnace rolls are smooth, durable, available in several materials and machined to exact project specifications.

APPLICATIONS

- Annealing lehrs
- Tempering furnaces
- Paint drying ovens
- Roller hearth annealing furnaces

BENEFITS

- Abrasion resistant
- Proven material performance
- Durable, smooth, non-marking roll surfaces
- Project specific resin composite and stainless steel alloy rolls available
- Custom engineered and designed
- Stocking programs available

PHYSICAL PROPERTIES

Property	Value	
	N-20T	U-1
Colour	Tan	Beige
Sheet Density–kg/m ³ (lb/ft ³)	1001 (62.49)	881 (55)
Maximum Roll Density–kg/m ³ (lb/ft ³)	1602 (100)	1281 (80)
Maximum Temperature	980°C (1796°F)	1000°C (1832°F)
Moisture Content	1.30%	3%
Loss on Ignition	10.20%	16%
Linear Shrinkage	0.20%	2.2%
Compression	31%	15%
Recovery	29%	31%
Finish Surface Hardness–Shore D	60	50
Maximum Outside Roll Diameter–mm (in)	50.80–406.40 (2–16)	
Maximum Overall Roll Length–m (ft)	7.30 (24)	

