

MATERIAL SPECIFICATIONS

1. WHEELS -

72-46-03 Ductile iron

72,000 Psi Minimum Tensile strength

46,000 Psi Minimum yield strength

3% elongation in 2"

Hardness 192-235 Brinell maximum
(3000 Kg Load)

Heat treatment - normalized and tempered to
required hardness

2. LININGS -

Folded and compressed impregnated asbestos

"Asbestos yarn with soft non-ferrous wire core,
woven into cloth, filled with heat resisting
compound, stacked, and finished with pressure
and heat. Working face is to be ground."

Min. coefficient of friction = .3

Maximum rubbing speed = 7500 FPM

Maximum pressure = 75 Psi

Min. Life - 500,000 foot pounds required to
wear .001 cu. inch, when applied intermittently
at 60 Psi against a steel wheel with face
hardened to Rockwell C40 Min. and operating at
160°C and at 3000 FPM rubbing speed.

The following manufacturer's types have been
found to meet the above specification:

Johns-Manville #600

Raybestos - Manhattan #G1000

Asbestos Mfg. Co. #8266

CH40-