

BROAD SPECIFICATION & PRE QUALIFICATION REQUIREMENT
ITEM- WOVEN SILICA FABRICS


1.0 Item Description: Woven Silica Fabric is required for continuous use for insulating purpose during pre-heat / local stress relieving of welded assemblies up to 800°C .

2.0 Properties:

Elements	
Filament Diameter (μ)	9
Weight (g/m^3)	1250
Thickness in mm	1.4 – 1.6
Tensile Strength (N/cm)	
Wrap	420
Weft	280
Silica Content (Min.)	96%
Melting Temperature ($^{\circ}C$)	1600
Width (mm)	900 (approx)
Nominal roll length (M)	50
Fabric must not contain any asbestos or respirable fibres.	

Pre Qualification Requirement- (for other than approved vendors)

- a. Vendor to submit technical literature/ leaflet of offered product.
- b. Vendor to also submit free sample of Woven Silica Fabric of 10 M length to BIHEL, Hardwar for preliminary evaluation. Sample will be checked at shop floor for its usability at shop floor.
- c. If performance of the item will be found satisfactory at shop floor based on sample, order for 1st lot to be placed for 100 meter of woven silica fabric for ensuring consistency of the item at shop floor.
- d. Based on shop performance feedback of 1st lot, vendor may be asked for supplying balance quantity.

 04/08/15
(JK/WT)