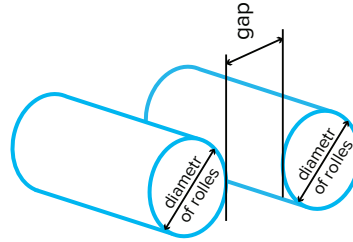


### EQUIPMENT

2-roll mill

2-roll mill configuration



### INITIAL STAGE

Basic compound preparation

Prepare compound with HCR, peroxide and other components (pigments, etc.) according to your standard procedure

### VOLUME RESISTIVITY OF $10^3$ – $10^9 \Omega \cdot \text{cm}$ – ANTI-STATIC COMPOUNDS

Loading 0.5–3 wt.% of TUBALL™ MATRIX

a) Premixing stage of TUBALL™ MATRIX 605

Set the gap between rollers

Diameter of rollers	Gap
6, 10 14 inch	3 mm



Add 10% TUBALL™ MATRIX 605 and 90% HCR into 2-roll mill



Number of cycles  
30

b) Final mixing

Set the gap between rollers

Diameter of rollers	Gap
6 inch	<300 g batch – 3 mm, >300 g batch – 6 mm
10 inch	<0.5 kg batch – 3 mm, 0.5–3 kg batch – 8 mm
14 inch	5–10 kg batch – 12 mm



Add pre-mixed TUBALL™ MATRIX 605 (see (a)) and basic compound from initial stage into 2-roll mill



Choose number of cycles

Compound	Number of cycles
Black compound	15
Color compound	30

### VOLUME RESISTIVITY OF $<10^3 \Omega \cdot \text{cm}$ – CONDUCTIVE COMPOUNDS

Loading 3–10 wt.% of TUBALL™ MATRIX

Direct mixing

Set the gap between rollers

Diameter of rollers	Gap
6, 10 14 inch	<0.5 kg batch – 3 mm, >0.5 kg batch – 6 mm



Add TUBALL™ MATRIX 605 and basic compound from initial stage into 2-roll mill



Number of cycles  
30