

FORCORD: SCREENING MATS

FORCORD: Screening Mats are an unpunched Screen Cloth made of a combination of high quality impact and abrasion resistant rubber, with special heat treated, tyre cord reinforcement, to enable tensioning and to maintain the same without the need for continuous adjustments.

The FORCORD: Screening Mats are supplied in duly customized widths and lengths or in long rolls, which can be suitably customized as per the requirements on-site.

These mats are available in standard thicknesses from 5mm to 35mm and can be suitably punched as per the requirements of the customer.



Main advantages of Rubber Screens as compared to Metal Screens:

- Much reduced noise level
- Non-corrosive in wet conditions
- Does not suffer from pitting or stress corrosion (especially in the presence of sea water)
- Does not suffer from fatigue, which is accelerated by vibration of the screen.
- Good abrasion resistance normally outlasting steel by up to 4:1
- Can be punched rapidly from stock to suit specific requirements.
- More cost effective.

Main advantages of Rubber Screens as compared to Polyurethane Screens:

- Rubber is less inclined to break soft or brittle particles into smaller sizes (especially suitable for coal)
- Rubber is a more lively screen which prevents blinding and pegging.
- Rubber has excellent tear resistance
- Rubber has excellent impact resistance
- Rubber has excellent puncture resistance
- Out performs Urethanes where particles are greater than 3.0mm.

Properties	Unit	Value	Test according standard
Hardness	Shore A	65±5	ISO 48-4
Tensile Strength	MPa	20	ISO 37
Elongation at break	%	Min. 450	ISO 37
Tear Strength (crescent)	kN/m	Min. 450	ISO -34-1 (METHOD C)
Abrasion Loss	mm ³	Max. 90	ISO 4649
Ageing 7 days at 70°C			
Change in hardness	Shore A	Max.+8	ISO 188
Change in tensile strength	%	Max.-25	ISO 188
Change in elongation at break	%	Max.-25	ISO 188
Density	g/cm ³	1.12±0.03	g/cm ³ ISO 2781