

KANTAFLEX

TECHNICAL SPECIFICATION FOR SOLID RUBBER SHEET & INSERTION RUBBER SHEET

(Bureau of Indian Standard: IS 638 – 1979)

DIMENSION OF THE SOLID RUBBER SHEETS: -

- 1METER WIDE x LONG LENGTH
- Thick: 0.8mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm & 6mm
- Finish: Fabric impression
- Colour: Black or Non – Black
- Process: Calendaring

- 1METER WIDE x 2METERS LENGTH
- Thick: 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 32mm, 40mm & 50mm
- Finish: Moulded Finish
- Colour: Black or Non – Black
- Process: Hydraulic Power Press – Steam Cured.

DIMENSION OF THE INSERTION RUBBER SHEETS: -

- 1METER WIDE x LONG LENGTH
- Thick: 0.8mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm & 6mm
- Finish: Fabric impression
- Colour: Black or Non – Black
- Process: Calendaring

TYPES OF THE RUBBER SHEETS: -

- TYPE – A: Hardness 50 – 65 in Shore A scale
- TYPE – B: Hardness 66 – 80 in Shore A scale

RUBBER COMPOUND: -

- Natural rubber (or)
- Synthetic rubber (or)
- Blend of Natural & Synthetic rubber

INSERTION MATERIAL: -

- Cotton Fabric
- Nylon Fabric

PHYSICAL PARAMETERS OF THE RUBBER SHEET
(BEFORE ACCELERATED AGEING)

S.No.	TYPE	AIR & WATER PRESSURE				STEAM PRESSURE			
		TENSILE STRENGTH, KSC		ELONGATION AT BREAK, %		TENSILE STRENGTH, KSC		ELONGATION AT BREAK, %	
		GRADE 1	GRADE 2	GRADE 1	GRADE 2	GRADE 1	GRADE 2	GRADE 1	GRADE 2
1	A	85	60	400	350	120	70	450	400
2	B	85	60	300	250	120	70	350	300

PHYSICAL PARAMETERS OF THE RUBBER SHEET
(AFTER ACCELERATED AGEING)

S.No.	TYPE	AIR & WATER PRESSURE (70 degree C for 72 Hours)		STEAM PRESSURE (100 degree C for 72 Hours)	
1	A & B	Tensile Strength	- 15% to + 10%	Tensile Strength	- 25% to + 10%
2	A & B	Elongation at break	- 15% to + 05%	Elongation at break	- 35% to + 15%