

WARDOG® 50BT & 50B

Wet Abrasion Resistant Sheets

WARDOG 50BT & 50B are black coloured sheeting made out of a proprietary rubber composition containing Natural & Synthetic Rubber. These sheets are subject to controlled production parameters from compounding, mixing, calendaring & high pressure molding process. These sheets deliver superior properties of impact, strength, cut & tear resistance against extreme slurry handling application. They are formulated in relatively higher hardness so as to take care of impact & abrasion caused while handling coarse particles also.



SALIENT FEATURES

- Excellent properties to combat high Impact & Abrasion of slurry having coarse particle
- Superior abrasion resistant values
- Good contour ability
- Special Tacky bonding layer
- Precision moulded and press cured ensures consistent dimensional and physical properties.

WARDOG 50BT has tacky bonding layer to facilitate better bonding results when applied to metal with cold bonding adhesive.

WARDOG 50B does not possess tacky bonding layer, but has a knit surface finish to enhance bonding results when applied to metal with cold bonding adhesive.

APPLICATION

Slurry handling areas such as:

- Pipe lining
- Chute lining
- Pump boxes & Tank lining
- Launder lining
- Hydro cyclones
- Hoses etc.

SPECIFICATIONS

Properties	Value	
Hardness	50 ± 5 Shore A	ASTM D2240
Specific Gravity	1.04 ± 0.03	ASTMD 792
Tensile Strength (Min)	220 Kg/cm ²	ASTM D412
Elongation at break (Min)	500 %	ASTM D412
Tear Strength (C type) (Min)	30Kg/cm	ASTM D624
Abrasion Loss @ 10 N (Max)	180 mm ³	DIN53516
Resilience (Min)	60%	

STANDARD SIZES

PART NO	ITEM DESCRIPTION	LENGTH mm	WIDTH mm	THICK mm	BONDING LAYER	FINISH	COLOUR
WD-10-1.5-3-50-BT	WARDOG 50BT	10000	1500	3	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-6-50-BT	WARDOG 50BT	10000	1500	6	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-10-50-BT	WARDOG 50BT	10000	1500	10	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-12-50-BT	WARDOG 50BT	10000	1500	12	TACKY BACK	GLOSSY	BLACK

SI NO	ITEM DESCRIPTION	LENGTH mm	WIDTH mm	THICK mm	BONDING LAYER	FINISH	COLOUR
WD-10-1.5-3-50-B	WARDOG 50B	10000	1500	3	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-6-50-B	WARDOG 50B	10000	1500	6	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-10-50-B	WARDOG 50B	10000	1500	10	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-12-50-B	WARDOG 50B	10000	1500	12	NIL, KNIT SURFACE	GLOSSY	BLACK

Note: Other sizes will be available on request. Kindly confirm prior to the ordering.

Dimensional tolerance : As per ISO-3302-1, first edition 1996-07-15, moulding - class M3 standards.

ADHESIVE SYSTEMS

- Primer : TPR 1400
- Adhesive : TC310 , TBS 3000, TBS 3001 with corresponding hardener compound.

Note: Kindly refer our adhesive program.

STORAGE

- Recommended to keep away from direct sunlight and temperature as per "ISO 2230, Vulcanised Rubber" guidelines.

* For more information please contact your nearest Thejo representative.