

# WARDOG® 38BT & 38B

## Wet Abrasion Resistant Sheets

**WARDOG 38BT & 38B** are black coloured wet abrasion resistant sheeting manufactured purely from highest grade of Natural Rubber. These sheets are subject to controlled production parameters from compounding, mixing, calendaring and high pressure moulding process. It is specifically designed to deliver superior properties of resilience, strength, cut & tear resistance of the highest standards.



### SALIENT FEATURES

- Excellent properties to combat Wet Abrasion
- High resilience
- Good contour ability
- High compression set properties
- Knit surface to enhance bonding strength.
- Special tacky bonding layer

**WARDOG 38BT** has tacky bonding layer to facilitate better bonding results when applied to metal with cold bonding adhesive.

**WARDOG 38B** 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	38 ± 5 Shore A	ASTM D2240
Specific Gravity	0.97 ± 0.03	ASTMD 792
Tensile Strength (Min)	180 Kg/cm <sup>2</sup>	ASTM D412
Elongation at break (Min)	650 %	ASTM D412
Tear Strength (C type) (Min)	25Kg/cm	ASTM D624
Abrasion Loss @ 10 N (Max)	180 mm <sup>3</sup>	DIN53516
Resilience (Min)	60%	

## STANDARD SIZES

PART NO	ITEM DESCRIPTION	LENGTH mm	WIDTH mm	THICK mm	BONDING LAYER	FINISH	COLOUR
WD-10-1.5-3-38-BT	WARDOG 38BT	10000	1500	3	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-6-38-BT	WARDOG 38BT	10000	1500	6	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-10-38-BT	WARDOG 38BT	10000	1500	10	TACKY BACK	GLOSSY	BLACK
WD-10-1.5-12-38-BT	WARDOG 38BT	10000	1500	12	TACKY BACK	GLOSSY	BLACK

PART NO	ITEM DESCRIPTION	LENGTH mm	WIDTH mm	THICK mm	BONDING LAYER	FINISH	COLOUR
WD-10-1.5-3-38-B	WARDOG 38B	10000	1500	3	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-6-38-B	WARDOG 38B	10000	1500	6	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-10-38-B	WARDOG 38B	10000	1500	10	NIL, KNIT SURFACE	GLOSSY	BLACK
WD-10-1.5-12-38-B	WARDOG 38B	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.