

# WARDOG® 50RT & 50R

## Wet Abrasion Resistant Sheets

**WARDOG 50RT & 50R** are red coloured sheeting made out of a proprietary rubber composition containing Natural & Synthetic Rubber. These sheets are subject to controlled production parameters from compounding, mixing, calendering & 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 50RT** has tacky bonding layer to facilitate better bonding results when applied to metal with cold bonding adhesive.

**WARDOG 50R** 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	1.13 ± 0.03	ASTMD 792
Tensile Strength (Min)	160 Kg/cm <sup>2</sup>	ASTM D412
Elongation at break (Min)	500 %	ASTM D412
Tear Strength (C type) (Min)	45Kg/cm	ASTM D624
Abrasion Loss @ 10 N (Max)	150 mm <sup>3</sup>	DIN53516
Resilience (Min)	50%	

## STANDARD SIZES

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

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

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.