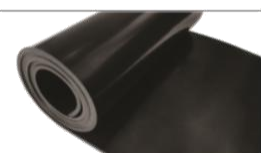


Abra-Max Steel 45

PRODUCT CODE – Abra-Max Steel 45



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.10 ± 0.05	ASTM D297	1.10 ± 0.05
HARDNESS	DIN 53505	45 ± 5 Sh A	ASTM D2240	45 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	2137 PSI	ASTM D412	150 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	600 %	ASTM D412	600 %
ABRASION RESISTANCE (max)	DIN 53516	120 mm ³	ASTM D5963	120 mm ³
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	30 %	ASTM D395 METHOD B	30 %
TEAR RESISTANCE (Angular) min	DIN 53515	168 Lbs/Inch	ASTM D624	30 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+10 /-15		+10 /-15
--- ELONGATION AT BREAK (%)		+10 /-25		+10 /-25
VOLUME SWELL : AT 70°C FOR 72 HRS	ASTM D 471			
IRM OIL NO.901		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.902		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.903		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25° to + 70° C		-25 ° to + 70° C
COLOR		RED		RED
FINISH	ONE SIDE SMOOTH OTHER SIDE STEEL PLATE BACKING			

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*



ISO14001 :2015 ISO 9001 : 2015



45001:2018



DSIR



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RoHS COMPLIANT



REACH COMPLIANCE



Australian Water Quality Centre



WRAS



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