



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL NEOPRENE RUBBER CODE: NE 65130

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.35±0.05	1.35±0.05
HARDNESS	ASTM D2240	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	715 PSI	50 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	250%	250%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	45%	45%
TEAR RESISTANCE (Angular) min	ASTM D624	84 Lbs/Inch	15 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 25	+ 10 / - 25
--- ELONGATION AT BREAK (%)		+ 10 / - 30	+ 10 / - 30
VOLUME SWELL : AT 70° C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		+ 23%	+ 23%
ASTM OIL NO.2		+ 35%	+ 35%
ASTM OIL NO.3		+ 90%	+ 90%
POLYMER CONTENT (NEOPRENE)		10%	10%
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	FAIR	FAIR
--- DILUTE ACIDS AND BASES		FAIR	FAIR
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	NOT RECOMMENDED
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-35° to + 80° C	-35° to + 80° C
COLOUR		BLACK	BLACK



H Building, Xinwei 3rd Industrial Zone, Dalang Street, Longhua Town, Baoan District, Shenzhen City, Guangdong Province, China P.C.: 518109
Tel: +86-0755-81298065 Fax: +86-0755-28145843
Email: sales@fullchance.com
Website: www.rubber-sheet-roll.com