

TECHNICAL DATA SPECIFICATIONS: REXLINE 60 IL

PROPERTIES	TEST METHOD	VALUES	VALUES
		METRIC UNITS	METRIC UNITS
COLOUR		BLACK	ORANGE
SPECIFIC GRAVITY	ASTM D297	1.12 ± 0.05	1.10 ± 0.05
HARDNESS	ASTM D2240	60 ± 5 Sh A	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	185 kg/cm ²	120 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	550%	450%
ABRASION RESISTANCE (max)	ASTM D5963	90 mm ³	110 mm ³
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ASTM D395 METHOD B	40%	40%
TEAR RESISTANCE (Angular) min	ASTM D624	60 Kg/cm	50 Kg/cm
RESILIENCE		55%	48%
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		
IN IRM OIL NO.1		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.2		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.3		NOT RECOMMENDED	NOT RECOMMENDED
CHEMICAL RESISTANCE			
OZONE	ASTM D 1149	FAIR	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		-40° to + 70°C	-40° to + 70°C

ITEM CODE	TOTAL THICKNESS	BLACK WEAR RUBBER THICKNESS	ORANGE INDICATION LAYER THICKNESS	CN LAYER THICKNESS
REXIL6003	3mm	1mm	1mm	1mm
REXIL6006	6mm	4mm	1mm	1mm
REXIL6010	10mm	6mm	3mm	1mm
REXIL6012	12mm	8mm	3mm	1mm
REXIL6020	20mm	16mm	3mm	1mm