

**TECHNICAL DATA SPECIFICATIONS: REXLINE 40 IL**

PROPERTIES	TEST METHOD	VALUES	VALUES
		METRIC UNITS	METRIC UNITS
COLOUR		BLACK	ORANGE
SPECIFIC GRAVITY	ASTM D297	1.08 ± 0.05	1.10 ± 0.05
HARDNESS	ASTM D2240	38 ± 5 Sh A	38 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	180 kg/cm <sup>2</sup>	120 kg/cm <sup>2</sup>
ELONGATION AT BREAK (min)	ASTM D412	650%	450%
ABRASION RESISTANCE (max)	ASTM D5963	120 mm <sup>3</sup>	135 mm <sup>3</sup>
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ASTM D395 METHOD B	30.5%	
TEAR RESISTANCE (Angular) min	ASTM D624	60 Kg/cm	50 Kg/cm
RESILIENCE		61%	
CHANGE IN PROPERTIES AFTER			
HEAT AGEING FOR (72 hrs. AT 70°C)	ASTM D573		
HARDNESS (Pts)		+ 5 (Max)	
TENSILE STRENGTH (%)		+ 10 / - 15	
ELONGATION AT BREAK (%)		+ 10 / - 25	
VOLUME SWELL: AT 70°C FOR 72 HRS	ASTM D 471		
IN IRM OIL NO.1		NOT RECOMMENDED	
IN IRM OIL NO.2		NOT RECOMMENDED	
IN IRM OIL NO.3		NOT RECOMMENDED	
CHEMICAL RESISTANCE			
OZONE	ASTM D 1149	FAIR	
DILUTE ACIDS AND BASES		NOT RECOMMENDED	
CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	
OILS		NOT RECOMMENDED	
SOLVENTS		NOT RECOMMENDED	
TEMPERATURE RANGE		-40° to + 70°C	

<b>ITEM CODE</b>	<b>TOTAL THICKNESS</b>	<b>BLACK WEAR RUBBER THICKNESS</b>	<b>ORANGE INDICATION LAYER THICKNESS</b>	<b>CN LAYER THICKNESS</b>
<b>REXIL4003</b>	3mm	1mm	1mm	1mm
<b>REXIL4006</b>	6mm	4mm	1mm	1mm
<b>REXIL4010</b>	10mm	6mm	3mm	1mm
<b>REXIL4012</b>	12mm	8mm	3mm	1mm
<b>REXIL4020</b>	20mm	16mm	3mm	1mm