

Skellerup Rubber Sheeting Properties

		WCR904	WCR917	WCR991	WCR976	WCR936	WCR982	WCR926	WCR930	WCR952	WCR050	WCR956	WCR944	WCR919	WCR926	WCR930
RUBBER TYPE		Natural	Natural	Natural	Natural	Natural	Natural	Neoprene	PVC/Nitrile	Nitrile/SBR	B/Butyl	Butyl	EPDM	Natural	Neoprene	PVC/Nitrile
CODE No.		SPO***	SRN***	SPK***	SRX***	SRT***	SRM***	SSG***	SSO***	SSP***	SSS***	SBR***	SSU***	SIR***	SIC***	SIN***
NAME		Viking 40	Skelltuff	Viking 60	Skellsteel	Soft Indl	Med Indl	High Grade	High Grade	Food Grade	Heat/acid	Butylclad	Heat/UV	NR Indl	High Grade	High Grade
		Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Sheet	Insertion	Insertion	Insertion
SPECIAL CHARACTERISTICS		Abrasion	Abrasion	Abrasion	Abrasion	Industrial	Industrial	General, Oil	Solvent, Petrol	Food	Heat, Acid/Alkali	Heat, Acid/Alkali	UV, Acid/Alkali	Industrial	General, oil	Solvent, Petrol
HARDNESS SHORE A	Shore A	40	50	60	70	45	64	68	83	70	56	70	63	50	68	83
ABRASION (DIN)	mm ³	147	127	100	67	427	152	162	372	371	545	248	208	320	162	372
ABRASION RELATIVE		V Good	V Good	Excellent	Excellent	Poor	V Good	V Good	Fair	Fair	Poor	Good	Good	Fair	V Good	Fair
FLEXIBILITY		Excellent	Excellent	Excellent	Excellent	Good	V Good	Good	Fair	Good	Good	Good	V Good	Good	Good	Fair
WEATHERING		Fair	Fair	Good	Good	Fair	Good	V Good	Good	Good	V Good	Excellent	Excellent	Medium	V Good	Good
OIL/SOLVENT RESISTANCE		Poor	Poor	Poor	Poor	Poor	Poor	Good	Excellent	Good	Fair	Poor	Poor	Poor	Good	Excellent
HEAT RESISTANCE		Poor	Fair	Fair	Fair	Poor	Fair	Good	Fair	Fair	Excellent	Excellent	Excellent	Fair	Good	Fair
MAX TEMP CONTINUOUS	°C	70	70	75	80	60	80	120	70	80	130	130	150	60	120	70
MAX TEMP INTERMITTANT	°C	90	90	95	100	80	100	140	90	100	150	150	180	80	140	90
LOW TEMP FLEX	°C	-40	-40	-40	-40	-40	-40	-30	-10	-30	-35	-40	-40	-40	-30	-10
GAUGES AVAILABLE	mm	3.0 – 12.0	3.0 – 12.7	3.0 – 12.0	7.0 – 12.0	1.5 – 9.0	1.5 – 6.0	3.0 – 6.4	3.0 – 6.0	1.5 – 6.0	1.5 – 12.0	1.0 – 2.0	0.8 – 6.0	1.5 – 6.0	3.0 – 6.4	3.0 – 6.0
COLOUR		Orange	Green	Black	Black	Red	Black	Black	Black	White	Black	Black	Black	Black	Black	Black
TENSILE	MPa	17.7	19.3	20.0	23.1	13.5	17.7	10.0	6.0	9.5	6.3	10.6	15.8	10.4	10.0	6.0
TEAR STRENGTH	N/mm	16.9	71.0	55.0	69.0	8.7	80.0	17.0	23.1	21.5	24.4	38.0	32.0			
ELONGATION @ BREAK	%	641	622	572	470	570	526	238	160	460	533	530	689	14	14	14
SPECIFIC GRAVITY		1.03	1.10	1.14	1.15	1.26	1.18	1.36	1.33	1.41	1.42	1.22	1.08	1.24	1.36	1.33
APPLICABLE STANDARDS		BS 921	BS 921			BS 921				FDA						
ELECTRICAL CONDUCTIVITY		Non conduct.	Non conduct.			Non conduct.										
REINFORCEMENT		Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Polyester	Polyester	Polyester
FINISH		Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	W/Cured	W/Cured	W/Cured	Smooth	Smooth	Smooth

For Sheeting:

- Gauges less than 3.0mm are wrap cured
- Items marked W/Cured have a matte textile print surface
- Not all items are permanently in stock, but many are
- Standard gauges are normally 1.5mm (wrap cured), 3.0mm, 4.5mm & 6.0mm.
- Ask Skellerup and describe your requirements - there are many options for specials etc

For Insertion:

Tensile strength is of rubber - not fabric

Tensile strength of fabric:

- 1.5 & 3.0mm - 1 ply (15 Nmm)
- 4.5mm - 2 ply (31 Nmm)
- 6.0mm - 3 ply (46 Nmm)