

### Flexible PVC Technical Specification – 515 Grade

<u>Performance</u>	<u>Standard / Test</u>	<u>Standard PVC</u>	<u>Low Temp PVC</u>	<u>Unit</u>
Density	DIN 53 479	1.25	1.22	g/cm <sup>3</sup>
Shore A Hardness	DIN 53 505	75 (+/-5)	65 (+/-5)	Shore A
UV resistance	Manufacturer	UV stable	UV stable	
Temperature Range	Manufacturer	-20 / +40 max	-40 / +30 max	
Brittle Point	DIN 53 372	Approx. -35	Approx. -45	Degrees C
Flexibility	Based on DIN 51 949	-10 No Break / +60 max	-40 No Break / +60 max	Degrees C
Water Absorption	DIN 53 472	0.1	0.2	Mg %
Tensile Stress	DIN 53 455	17	13	MPa
Tensile stress	DIN 53 455	>5	>2	%
Resistance of Continued Rupture	DIN 53 515	300	300	n/mm
Reaction to Fire	DIN 53 382	Self-extinguishing	Self-extinguishing	-
Flammability	Based on US MVSS302	Inflammable	Inflammable	-
Airborne Insulation	GB1410-78	30 dB	30 dB	-
Light Transmission	Manufacturer	>85	>85	%

**REACH compliant** – “Pass” - see REACH compliance 7<sup>th</sup> February 2023.

**Compound Confirmation:** DOTP = organic compound / non-phthalate plasticizer (see confirmation page 3 of REACH report 7<sup>th</sup> February 2023).

**SVHC Testing:** see test report 7<sup>th</sup> February 2023 – “Pass” on all substances of concern.

\*Rayflex Rubber retains the right to alter the TDS without prior notice, any alterations to TDS will be notified in due course and any alterations will be in line with REACH / SVHC testing requirements.