

Technical Data Sheet
PVC

General Properties	BS 2782	Results	Unit
Density @ 23°C	620A	1.15 – 1.48	G/cm ³

Mechanical Properties			
Hardness		40 – 90	Shore A
Tensile Strength	320A	5 – 20	MPa
Modulus at 100% extension	320A	2 – 15	MPa
Elongation at break	320A	250 - 450	%

Thermal Properties			
Cold Flex Temperature	150B	-10 - -50	°C
Minimum		-30	°C
Maximum (continuous)		50	°C
Maximum (intermittent)		70	°C

Chemical Properties			
Resistance to Weak/Strong Acids		Good/Bad	
Resistance to Weak/Strong Alkalis		Good/Bad	
Resistance to Organic Solvents		Bad	
Resistance to Oils and Greases		Bad	
Resistance to UV		Good	

Flammability			
Flammability	UL 94	HB – V0	