

# CELLTEX FABRICATIONS LTD

UNIT 9A, RAMSAY ROAD, BARNFIELD INDUSTRIAL ESTATE, TIPTON, WEST MIDLANDS, DY4 9DU

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## Class O PVC Nitrile

Property	Test Method	Unit	Value
Density	ISO 845	kg/m <sup>3</sup>	40 – 70
Shore			10 – 20
Compression Deflection 25%	ISO 6916-1	kPa	5 -20
Compression Deflection 50%	ISO 6916-1	kPa	35-55
Compression Set 50%	ISO 1856		
	23°C / 22h / 50%	%	<25
	40°C / 22h / 50%	%	<40
Tensile Strength	ISO 1798	kPa	≥100
Elongation	ISO 1798	%	≥80
Tear Resistance	ISO 34-1	kN/m	≥0,2
Temperature Range		°C	-30 / +80 (max +105)
Linear Shrinkage	ISO 2796		
	24h / 70°C	%	<-5.0
Dimensional Stability	ISO 2796		
	3h / 80°C	%	<-5.0
Vacuum Water Absorption	ISO 6916-1	%	<5.0
Fire Performance	DIN 4102-16		B1
	NF P 92507		M1
	UNI 8457 and UNI 9174		Classe 1 (uno)
	UNE 23 72790		M1
	DIN 5510 Part 2		S4 SR 2
Thermal Conductivity			u = 0.037 W/mk
At mean temperature			u = 0.040 W/mk
DIN 52613			u = 0.043 W/mk
Surface Spread of flame			Class O
BS 476 Part 7 1987			
Fire Propagation			1<12.0
BS 476 Part 6 1989			1<6.0
Water Absorption			
BS 4370 Part 2 1973 Method 8			0.28 ugm/Nh
Water Absorption (DIN 53485)			0.29% vol
Sound Reduction			up to 32 dB(A)

Test Report No: WARRES 101446

(This is not a fire stopping product)

VAT REG NO: 589 1902 96

REG IN ENGLAND NO: 2645090

DIRECTORS:  
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