


**WILLIAM JOHNSTON**  
 & COMPANY LIMITED

 Glasgow Tel: +44 (0) 141 620 1666 | Inverness Tel: +44 (0) 1463 238 673  
[sales@williamjohnston.co.uk](mailto:sales@williamjohnston.co.uk) | [www.williamjohnston.co.uk](http://www.williamjohnston.co.uk)

# Black Closed Cell Expanded EPDM Firm Grade WJSP317



Test Item	Test Method	Unit	Average	Norm
Dimensions		mm	1850 +/- 3% x 1000 x 40 +/- 2%	
Colour			Black	
Cellular structure			Closed	
Density		kg/m <sup>3</sup>	140-170	
Hardness	Shore 00	SH 00	55-65	
Cellular Structure		Closed		
Density	kg/m <sup>3</sup>	180 +/-25	ISO845-88	
Shore hardness 00		50-60°	ASTM D 2240	
Compression deflection 25 % deflection	ASTM D1056 00	kPa	72	65-90
Compression deflection 50% Deflection	NF R 99211 80	kPa	164	120-230
Water absorption	ASTM D1056 00	%	2	<=5
Compression set 22 h 23 °C	ASTM D1056 00	%	22	<35
Linear shrinkage	22h / 70°c	%	0.5	<10
Ultimate elongation	DIN53571	%	188	<140
Tensile Strength	DIN53571	kPa	997	>800
Tear Resistance	NF R 99211 80	kN/m	1.18	>0.8
Ozone Resistance	200 pphm / 40°c / 336h	200 pphm 30°C/24h 20% Elongation, No Cracking	No Cracking	
Corrosive effect on Copper and Silver	n/a		Corrosive	
Temperature Range	Continuous	°C	-40°C to + 70°C	
Temperature range	Intermittent	°C	up to 80°C	
Environmental protection		n/a	CFC Free, complies with the European prescription 2000/53/CE on heavy metals	
General indications		n/a	Good tensile and compressive strength with high ageing resistance	

Change Control Date	Change
27/02/2020	Created

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