



**Coru195CO – 70 Shore Black NBR Nitrile Coated Nylon Diaphragm Sheeting to BS2751 BA70 – 1.2mm**

Properties	Test Method	Values FPS Units
Volume Swell: At 40°C For 24hrs/in		
Fuel B (Max)	BS 903: Part A16	+25%
Resistance to low temperature in °C at which the stiffness shall not exceed 70MPA	BS903: Part A13	-25
Adhesion to and corrosion of metals at 70°C/168 hrs	BS 903: Part A37	MEETS REQUIREMENTS
Polymer Content (Nitrile)		100%
Additional Information		
Chemical Resistance		
Ozone	BS 903: Part A43	FAIR
Dilute Acids and Bases	BS 903: Pat A16	GOOD
Concentrated Acids and Bases		NOT RECOMMENDED
Mineral Oil/Petroleum		EXCELLENT
LPG/CNG		GOOD
Solvents		FAIR
LPG/CNG		GOOD
Water		GOOD
Volume Swell: At 70°C for 72 hrs/in		
IRM / ASTM Oil No. 1		- 3%
IRM / ASTM Oil No. 2		- 2%
IRM / ASTM Oil No. 3		+ 10%
Nitrile Rubber Coated Fabric in Black for Diaphragm Sheet – 1.2mm		
Elastomer Characteristics		Value
Elastomer		NBR Nitrile Rubber
Hardness		70 ± 5 SH A
Colour		Black
		Test Method
		BS2751 BA70
		DIN 53505
Fabric Characteristics		
Fabric		KK200
Weight		250GSM
Thickness		0.50mm
Coated Fabric Characteristics		
Thickness		1.20 ± 0.05
Weight		1600 ± 50
		ASTM D-751 IS-7016 (Pt-I)
Tensile Strength kg/50mm	Warp	300 (min)
	Weft	300 (min)
		ASTM D-751 IS 7016-Part II ISO-1421
Elongation at Break	Warp	30% (max)
	Weft	30% (max)
Adhesion (Peel Strength) kg/25mm		5kg
		ASTM D-751
Temperature range		-25° to +110°C