



SENSOR (UK) Limited

Irwell House, The Grove, Eccles, Manchester. M30 0ET.
Tel: +44 161 850 0926 Fax: +44 161 850 0927
e-mail: office@sensor-uk.com, web: www.sensorgroup.com

PRODUCT DATA SHEET

SENSOR DDS[®] CSL (CONDUCTIVE SIGNAL LAYER)

SENSOR DDS[®] CSL is a conductive fleece used in conjunction with SENSOR DDS[®] electronic leak detection systems. The fleece is manufactured using polypropylene, polyethylene and stainless steel and can be deployed within double lining installations or as a protective layer where in either situation conductivity is required to be maintained.

MECHANICAL PROPERTIES				
Type	Standards	Reference	Value	Units
Mass per unit area	EN 9864	Total mass	300	g/m ²
Thickness	EN 9863-1	Under 2kPa	3.0	mm
Tensile strength	EN ISO 10319	Machine direction	10	kN/m
		Cross direction	8	
Tensile elongation	EN ISO 10319	Machine Direction	90	%
		Cross Direction	100	
Pyramidal puncture resistance	G 38-019	-	1.0	kN
Dynamic perforation resistance	EN ISO 13433	-	10	Mm
CBR resistance	EN ISO 12236	-	1.8	kN
ELECTRICAL PROPERTIES				
Type		Reference	Values	Units
Transversal Resistance	ISO 10965	Under 16 kPa	≤ 10 ⁵	Ω
OTHER INFORMATION				
Packaging		Standard Roll	Length	150m
			Width	4m
			Overall Roll Diameter	0.80m
			Tube Inside Diameter	100mm
			Weight	180kg

Our technical specification may be changed without prior notice.

