

PRODUCT SPECIFICATION SHEET

Product Name: Caplugs® Fire Resistant Anti-Static Spiral Wrap

Part Number	I.D	O.D	Wall	Min Hose O.D	Box Qty.
PCI-FRAS12	0.38" (9.5mm)	0.5" (12.5mm)	0.06"	3/8"	165 ft.
PCI-FRAS16	0.50" (12.5mm)	0.64" (16mm)	0.07"	1/2"	66 ft.
PCI-FRAS20	0.63" (16mm)	0.79" (20mm)	0.08"	5/8"	66 ft.
PCI-FRAS25	0.84" (21mm)	0.98" (25mm)	0.08"	15/16"	66 ft.
PCI-FRAS32	1.06" (27mm)	1.26" (32mm)	0.10"	1 1/8"	66 ft.

All measurements are nominal. The O.D. of the hose should be slightly larger than the I.D. of the wrap.

Melt Flow Index			
Physical Property	Test Method	Unit	Value
(230°C 2,16kg)	ASTM D-1238	g/10 min	2
(230°C 5,0kg)	ASTM D-1238	g/10 min	-
Tensile strength	ASTM D-638	MPa	20
Yield strength	ASTM D-638	MPa	24
Elongation at break	ASTM D-638	%	300
Elongation at yield	ASTM D-638	%	16
Modulus of Elasticity	ASTM D-790	MPa	1500
Impact Strength Charpy			
Physical Property	Test Method	Unit	Value
23°C	ASTM D-256	kJ/m ²	35
20°C	ASTM D-256	kJ/m ²	15
Impact Strength Charpy - Notched			
Physical Property	Test Method	Unit	Value
23°C	ASTM D-256	kJ/m ²	6
20°C	ASTM D-256	kJ/m ²	2
Vicat softening point 1,0kg	ASTM D-1525	°C	150

HDT			
Physical Property	Test Method	Unit	Value
0.45 Mpa	ASTM D-648	°C	105
1.8 Mpa	ASTM D-648	°C	58
Volume resistivity	ASTM D-257	- cm	< 10 ³
Surface resistivity	ASTM D-257	-	< 105
Shrinkage	ASTM D-955	%	1.2-1.5
Hardness Shore D	ASTM D-224	0	72
Rate of heat release	ISO DIS 5660	KW/m ²	218
Point of inflammation	ISO DIS 5660	s	20
Specific extinction area	ASTM E-1354	m ² /kg	1220