

PRODUCT INFORMATION

FILAMENT 4238

PRODUCT DESCRIPTION

Filament 4238 is manufactured from polyester film and staggered mesh glass filament film coated with acrylic adhesive, even under the most arduous conditions.

APPLICATIONS

- High adhesion and breaking strength
- Especially suited for heavy duty air and oil filled transfer applications reinforcements, holding and separating ground insulation.
- Excellent heat resistance up to 155°C
- Insulation varnish resistant
- Insulation oil resistance meets ASTM D3455

TECHNICAL INFORMATION

ITEM	TEST METHOD	NORMAL	MINIMUM
Adhesive		Acrylic	
Carrier		Polyester film / Glass filament	
Carrier Thickness mil/ mm)	ASTM D 1000	4.8	0.120
Total Thickness mil/ mm)	ASTM D 1000	7.2 / 0.180	60.0 / 0.150
Adhesion to steel (N/ 25mm)/(kg/25mm)/(oz/in)	ASTM D 1000	11.7 / 1200 / 42	8.8 / 900 / 31
Tensile Strength (N/ 25mm)/(kg/25mm)/(oz/in)	ASTM D 1000	1176/120/264	833 / 85 / 187
Elongation (%)	ASTM D 1000	14	8
Dielectric Strength (kv)	ASTM D 149	6.5	5.0
Dielectric constant	ASTM D 150	5.0	
Class of insulation (°C)	UI 510	UL F / 155	
Range of Temperature (°C/ °F)		-20 / 155	-4 / 311
Unwinding Force (gm/25mm)		1500	1000
Length (m)		50	
Width (mm)		6-975	