

CHR[®] C/2355

FEP Pressure Sensitive Adhesive Tape

CHR C and 2355-2 are manufactured by **Saint-Gobain[®]** Performance Plastics Corporation, Tape Solutions business, and come from clear FEP (fluorinated ethylene propylene) film with pressure-sensitive, silicone adhesive that can sustain high heat ranges as noted in this data sheet.

Features/Benefits

Both **CHR** C and 2355-2 tapes are very durable and versatile products. The FEP backing offers excellent high temperature resistance and they offer the highest electrical strength in volts per mm. FEP backing is chemically inert, thin and conformable. The tape construction is weather resistant, stable and non-toxic.

Availability

Factory stock for both tapes is in master log form 33 m × 635 mm (36 yd × 25 in) wide. Rolls can be slit 12.7 mm to 635 mm (0.5 in to 25 in) wide. Slit rolls under 12.7 mm (0.5 in) wide are available in 16.5 m (18 yd) long rolls only. They are available with or without a liner.

Applications

CHR C and 2355-2 tapes are often used for coil and transformer insulation. Due to its transparency, these tapes are useful for “see through” identification on wire harnesses.



CHR C/2355 Properties

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

Product Number	C	2355-2
Backing Material	Film-FEP	Film-FEP
Adhesive Type	Silicone	Silicone
Total Thickness mm (mil)	0.089 (3.5)	0.089 (3.5)
Backing Thickness mm (mil)	0.051 (2.0)	0.051 (2.0)
Adhesive Thickness mm (mil)	0.038 (1.5)	0.038 (1.5)
Adhesion to Steel N/cm (oz/in)	2.2 (20)	2.2 (20)
Tensile Strength N/cm (lb/in)	14 (8)	14 (8)
Elongation (% at break)	275	275
Dielectric Strength (volts)	9,000	9,000
Direct Electrolytic Corr.	1.0	1.0
Operating Temperature °C (°F)	-73 to +204 (-100 to +400)	-73 to +204 (-100 to +400)
Colour	Clear	Clear

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