

# CHR<sup>®</sup> HM15-5

## White, High Modulus PTFE Pressure Sensitive Adhesive Tape

**CHR** HM15-5 is manufactured by **Saint-Gobain**<sup>®</sup> Performance Plastics Corporation, Tape Solutions business, and comes from modified high-modulus PTFE film coated with high-temperature silicone adhesive.

### Features/Benefits

The film of **CHR** HM15-5 has been subjected to a special process that lowers its elongation and increases its breaking strength for easier handling. One side has silicone pressure sensitive adhesive and the other side offers low coefficient of friction film, which is thin and conformable. The backing offers excellent high temperature resistance and is chemically inert.

### Availability

Factory stock for **CHR** HM15-5 is in master log form 33 m × 508 mm (36 yd × 20 in) wide. Rolls can be slit 12.7 mm (0.5 in) to full width. For slit rolls under 12.7 mm wide, **Saint-Gobain** recommends 16.5 m (18 yd) length rolls. They are available with or without a liner.

### Applications

**CHR** HM15-5 can be used as masking during metal bonding, roll covering on plastic extruders, and for fine wire harnesses. It is chosen for lay flat operations where anti-friction properties and solvent resistance are required.



## CHR HM15-5 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	HM15-5
Backing Material	Film-PTFE
Adhesive Type	Silicone
Total Thickness mm (mil)	0.178 (7)
Backing Thickness mm (mil)	0.135 (5.3)
Adhesive Thickness mm (mil)	0.038 (1.5)
Adhesion to Steel N/cm (oz/in)	3.3 (30)
Tensile Strength N/cm (lb/in)	71 (40)
Elongation (% at break)	200
Dielectric Strength (volts)	11,000
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Colour	White

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