



CHR[®] 2042

Skived PTFE Pressure Sensitive Adhesive Tape

CHR 2042 is manufactured from skived PTFE film coated with high-temperature acrylic adhesive.

Features/Benefits

One side of 2042 has an acrylic pressure sensitive adhesive and the other side offers low coefficient of friction PTFE film, which is thin and conformable. PTFE backing offers excellent high temperature resistance and is chemically inert. The tape construction is stable and non-toxic.

Availability

Factory stock for 2042 is in master roll form 33 m x 432 mm (36 yd x 17 in) for 2042-3 and 33 m x 584 mm (36 yd x 23 in) for 2042-5 and 2042-10. Rolls can be slit from 12.7 mm to 432 mm (17 in) (2042-3) and 584 mm (23 in) (2042-5 and 2042-10). 2042 is available with and without a liner.

Applications

CHR 2042 is often used as an excellent release surface on packaging equipment and heat sealing machines, roll coverings on plastic extruders, guide rails, and angle bars in the graphic arts industry.



CHR 2042 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	2042-3	2042-5	2042-10
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Acrylic	Acrylic
Total Thickness mm (mil)	0.114 (4.5)	0.165 (6.5)	0.292 (11.5)
Backing Thickness mm (mil)	0.076 (3.0)	0.127 (5.0)	0.254 (10.0)
Adhesive Thickness mm (mil)	0.038 (1.5)	0.038 (1.5)	0.038 (1.5)
Adhesion to Steel N/cm (oz/in)	3.3 (30)	3.8 (35)	6.0 (55)
Tensile Strength N/cm (lb/in)	35 (20)	53 (30)	96 (55)
Dielectric Strength (volts)	9,500	13,000	19,500
Elongation (% at break)	375	400	450
Operating Temperature °C (°F)	-29 to +177 (-20 to +350)	-29 to +177 (-20 to +350)	-29 to +177 (-20 to +350)
Colour	Grey	Grey	Grey



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