

DATA SHEET

TOOLTEC® CS5 and CA5

Non-Reinforced PTFE Film Coated with Adhesive for Semi-Permanent Release and Mold Surface Reconditioning.

Description

Tooltec® CS5 and **CA5** are .005 inch (125μ) PTFE films coated with a high temperature pressure sensitive adhesive. **Tooltec® CS5** has a silicone adhesive and **Tooltec® CA5** has a non-silicone adhesive. Both are non-reinforced allowing conformance to complex contours. **Tooltec® CS5** and **CA5** can be used to seal masters and leaky tool surfaces while providing semi-permanent and contamination free part release.

Application

Tooltec® should be applied by carefully lifting the edge of the backing, then applying the adhesive side to the mold surface. The remainder of backing should then be carefully removed while pressing the **Tooltec®** onto the mold surface with an airweep or other straight edge. A vacuum bag can then be applied to remove any residual air. A cure cycle under vacuum will provide the best results.

Material Characteristics	CS5	CA5
Carrier Type:	PTFE	PTFE
Adhesive Type:	Silicone	Acrylic
Total Thickness, in (μ):	.0065 (165)	.0065 (165)
Film Thickness, in (μ):	.005 (125)	.005 (125)
Adhesive Thickness, in (μ):	.0015 (38)	.0015 (38)
Adhesion oz/inch/width:	40 (4.4)	30 (3.3)
Elongation, %:	300	300
Maximum Recommended Use Temperature, °F (°C):	600 (316)	600 (316)
Color:	Light Brown	Light Brown
Standard Sizes ₍₁₎ :	36" x 18 yards (91cm x 16m)	36" x 18 yards (91cm x 16m)
	48" x 18 yards (122cm x 16m)	48" x 18 yards (122cm x 16m)
Shelf Life:	1 year when stored at 72°F (22°C)	

- 1) Other widths available.

CATALOG POSITION: **PRESSURE SENSITIVE TAPES**

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