

Release Liners

Product Overview



Adhesives Research (AR) custom designs and manufactures release liners to meet unique and specific customer requirements. Produced in a state-of-the art, clean room enclosed coater, up to 66" (1.67 m) wide, our release liners are used in distinctive medical, pharmaceutical, electronic and other end use technical applications where the highest quality, defect free materials are demanded.

Our coating capabilities offer unmatched versatility for producing high-end release coated films, with very consistent release force run-to-run with virtually zero silicone transfer. Custom narrow width slitting to 1" (254 mm) within a clean room adds to AR producing and shipping high end, high quality release films.

ARLiner 8000 series includes two-sided same and differential release force, including the combinations listed below as well as custom constructions including different release strengths, PET type, and 3 mil thicknesses.

Platform Release Films

ARLiner Item	PET Thickness (Mils/Microns)	PET Type	Silicone Type	Release Strength	Peel Force (Grams/2")
W-4000	2 / 50	White	Thermal	Easy	5 - 20
W-4001	2 / 50	Clear	Thermal	Easy	5 - 20
W-4002	3 / 75	Clear	Thermal	Easy	5 - 20
W-4009	5 / 125	Clear	Thermal	Easy	5 - 20
W-5002	2 / 50	Clear	Thermal	Easy	5 - 25
W-5003	2 / 50	Clear	Thermal	Easy Medium	10 - 40
W-5004	2 / 50	Clear	Thermal	Medium Tight	30 - 70
W-5000	3 / 75	Clear	Thermal	Medium Tight	30 - 70
W-5005	2 / 50	Clear	Thermal	Tight	70 - 130
W-6000	2 / 50	Clear	UV	Easy Medium	10 - 40
W-6001	2 / 50	Clear	UV	Medium	30 - 60

Double-Sided Release Films

ARLiner Item	PET Thickness (Mils/Microns)	PET Type	Silicone Type	Release Strength	Peel Force (Grams/2")
W-8008	2 / 50	White	UV / Thermal	Medium Tight / Easy	30-70 / 5-20
W-8009	2 / 50	Clear	UV / Thermal	Medium Tight / Easy	30-70 / 5-20
W-8010	2 / 50	Clear	Thermal /	Tight / Easy	70-130 / 5-20
W-8013	2 / 50	Clear	Thermal /	Easy / Easy	5-25 / 5-25
W-8018	2 / 50	Clear	UV / Thermal	Easy / Easy	10-40 / 5-20
W-8021	2 / 50	Clear	Thermal /	Medium Tight/ Easy	30-70 / 5-20
W-8022	2 / 50	Clear	Thermal / UV	Easy / Easy	5-25 / 10-40
W-8023	2 / 50	White	Thermal / UV	Easy / Easy	5-25 / 10-40

Specialty Release Films

ARLiner Item Number	PET Thickness (Mils/Microns)	PET Type	Silicone Type	Release Strength	Peel Force (Grams/2")
W-4008	2 / 50	Clear	Thermal - Low Extractable	Easy Medium	10 - 50
W-4010	2 / 50	Clear	Thermal - Ultra Low Extractable	Easy Medium	10 - 50
W-4013	3 / 75	Clear	Thermal - Ultra Low Extractable	Easy Medium	10 - 50
W-10002	2 / 50	Clear	Fluorosilicone	Easy	<35 ⁽¹⁾ <25 ⁽²⁾
W-10004	3 / 75	Clear	Fluorosilicone	Easy	<35 ⁽²⁾ <25 ⁽²⁾

(1) Acrylic PSA, (2) Silicone PSA (Laminated)

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