

WE REPRESENT THE VERY BEST CHEMISTRY SUPPLIERS ON EARTH.

We believe that success is achieved through true partnerships with suppliers and customers. That's why our team works as an extension of your team—focused on success we achieve together. We can help you uncover new opportunities—and give you market intelligence on the chemical industry that keeps you ahead of changing conditions.



Business Agility

Our sales and support technology is fast and smart—with versatile ordering and delivery options, automated confirmations, and tracking.



Fresh Perspective

Our dedicated team works closely with you, and we're always available. We provide both broad industry perspective and specialized knowledge on your market and industry segment.



Genuine Partnership

Our long-standing relationships with top manufacturers in the chemical industry give you a competitive edge. We provide information and insight straight from the source.



TALK TO AN EXPERT

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HEAT COATINGS PRODUCT SELECTION GUIDE

DOW HEAT SEAL COATINGS ADCOTE™ AND ROBOND™

ChemPoint partners exclusively with the Dow Chemical Company to offer our customers a broad selection of heat seal coatings for a range of applications. Dow Chemical has a long and notable history in the coatings marketplace, with a product portfolio filled with proven premium names and trusted workhorses. Dow offers a comprehensive range of products which offers a distinct advantage to customers. Products are only half the story though as we maintain technical expertise heat seal coatings, exceptional analytical capabilities and a full-scale pilot facility to make qualification and testing simpler for the customer.



ADCOTE™ AND ROBOND HS™ HEAT SEAL COATINGS

HEAT SEAL PRODUCT	TYPICAL USES	“APPLY TO” SUBSTRATE	“SEAL TO” SUBSTRATE	ACTIVATION TEMPERATURE	PERFORMANCE ATTRIBUTES
ADCOTE™ 37P295-BW	-General use, direct food contact -Header bags -Confectionary -Snack food bags -Pill blister packs	PE PET PP Paper	PE PP Paperboard HIPS PVDC/HIPS	170°F	-Higher seal strengths -Bonds to self -Good clarity
ADCOTE™ 37-220	-Grease and oil resistant heat seal -Lidding -Aseptic packaging -Primer for foil	Foil Paper	PET Foil Paper Nylon Cellophane Non-woven, spun bonded polyolefin PVDC/HIP	190°F	-Good hot tack -Low activation temperature -Moisture resistance -Grease and oil resistance -Excellent adhesion to foil and paper
ADCOTE™ 37JD1198-BW	Used alone or as a compounding base for medical heat seal coatings	Paper Non-woven, spun bonded polyolefin	PE PS PVC XT@Polymer	190°F	-Base for breathable medical coating -Good porosity -EtO and gamma sterilization
ADCOTE™ 37R972	-Low activation temperature -Good bonds to Pet and PVC -Shrink label coating	PET Foil Paper	PET PVC	170°F	-Specifically, Aclar/ PVC
ADCOTE™ 50C12	-Lower solids version of 50C35 -Grease and oil resistant heat seal coating -Lidding -Aseptic packaging -Primer for foil	Foil Paper PE	Foil Paper Foil/PE Laminate	190°F	-Good hot tack -Low activation temperature -Moisture resistance -Grease and oil resistance -Excellent adhesion to foil and paper
ADCOTE™ 37R345PS	-Used alone or as a compounding base for medical heat seal coatings	Paper Non-woven, spun bonded polyolefin	PE PS PVC XT@Polymer	190°F	-Base for breathable medical coating Good porosity EtO and gamma sterilization
ADCOTE™ HS 33-193	-Low activation temperature -Excellent bonds with PP,PE -Strong peelable bonds	Foil PP PE PET PVC	PP PE Foil PET PVC	190°F	-Excellent peelable bonds -Ink transfer adhesive -Lid stock coating -Shrink label HSC
ADCOTE™ 35D9	-Primer -Wash coat -Corrosion barrier -General HSC	Foil Paper	Foil Paper PVC	225°F	-Chemical resistance -Oil resistance -Moisture resistance -May also be used as foil primer
ADCOTE™ 40-3E	-Peelable lidding -Retort peel lidding	PET Foil	PVDC/HIPS PVC CPET APET ETP Steel	300°F	-Heat resistance -Retortable -Dual ovenable -Transluscent coating -Grease and oil resistance -Autoclave sterilizable -Good hot tack

ADCOTE™ 1217D	-Peelable lidding -Retort peel lidding	PET Foil	PVDC/HIPS PVC CPET APET ETP Steel	225°F	-Heat resistance -Retortable -Dual ovenable -Clear coating -Grease and oil resistance -Good hot tack
ADCOTE™ 40-51 NEF	-Hard to hold condiments	Untreated PET	HIPS PVDC/HIPS PC PVC XT@Polymer	250°F	-Chemical resistance -High peel strength bonds
ADCOTE™ HS 36X101	-Pill blister packaging	Foil Paper	PVC blister	180°F	-Low temperature activating heatseal -Direct food/pharma contact
ADCOTE™ HS 33-191	-In-mold label	PET Paper PP Foil	Foil Paper PET HDPE PS PVC PP Barex® XT@Polymer	175°F	-UV Indicator for easy registration -High gloss -Good hot tack
ADCOTE™ 33R4G	-Lidding -Hot fill condiments	OPP PET Foil Paper	PE PP PET Foil HIPS PVDC/HIPS PVC XT@Polymer PAN	225°F	-Good hot tack -Low sealing temperature -Transparent coating -Low Blocking -Controlled COF

APPLICATION INFORMATION

HEAT SEAL PRODUCT	RECOMMENDED DILUENT	SUPPLIED SOLIDS (%)	APPLIED SOLIDS (%)	APPLICATION TEMPERATURE (°F)	COATING WEIGHT (PPR)	DENSITY (LBS/GAL)	DRYING WEB TEMP (°F)
ADCOTE™ 37P295-BW	DI Water or DI Water/IPA	40	38-40	ambient	2.0-4.0	8.2	180-200
ADCOTE™ 37-220	DI Water	30	30	ambient	1.0-5.0	8.2	180-200
ADCOTE™ 37JD1198-BW	DI Water	45	40-43	ambient	5.0-7.5	8.2	180-200
ADCOTE™ 37R972	DI Water	45	40-45	ambient	2.0-4.0	8.2	180-200
ADCOTE™ 50C12	DI Water	22	18-22	ambient	2.0-4.0	8.5	180-200
ADCOTE™ 37R345PS	DI Water	46	40-44	ambient	4.0-6.0	8.5	180-200
ADCOTE™ HS 33-193	VM&P,n-Propyl acetate	25	23-25	ambient	3.0-4.0	7.7	180-190
ADCOTE™ 35D9	MEK,Toluene, Acetone/ MEK	30	15-30	ambient	1.5-4.0	7.6	180-200
ADCOTE™ 40-3E	Ethyl acetate	35	25-30	ambient	4.0-5.0	8.6	180-200
ADCOTE™ 1217D	1,3 Dioxolane	17	15-17	ambient	2.0-6.0	9.1	180-190
ADCOTE™ 40-51 NEF	Ethyl acetate/n-Propyl acetate	30	20-24	ambient	3.5-4.0	8.3	180-200
ADCOTE™ HS 36X101	Acetone	34	15-30	ambient	1.5-4.0	7.7	180-200
ADCOTE™ HS 33-191	Toluene	32	28-32	120-140	2.0-3.5	7.0	180-200
ADCOTE™ 33R4G	Toluene	27	20-27	120-140	3.0-5.0	7.0	180-200

FDA INFORMATION

Dow is proud of its proactive and vigilant stance toward its understanding of and compliance to U.S. FDA regulations. FDA regulations can be quite complex, and Dow carefully evaluates its adhesives for compliance with the various regulations used in food packaging. We recognize the complications of a global supply chain and work to ensure compliance across the board. Choosing a supplier with strong regulatory expertise helps converters, brand owners, and end-users makes the best decisions about selecting food contact materials..

PRODUCT GRADE	175.105	175.300	175.320	176.170	176.180	177.1630	177.1210	177.1330	177.1395	177.1390	178.1005	OTHER
ADCOTE™ 37P295-BW	P	P	P	P	P	P						
ADCOTE™ 37-220	P			P	P			P	P	P		
ADCOTE™ 37JD1198-BW	P			P	P							
ADCOTE™ 37R972	P	P	P	P	P	P						
ADCOTE™ 50C12	P	P	P	P	P							1771310
ADCOTE™ 37R345PS	P	P		P	P	P						
ADCOTE™ HS 33-193	P	P	P	P	P		P					
ADCOTE™ 35D9	P	P										
ADCOTE™ 40-3E	P	P		P	P		P		P	P		
ADCOTE™ 1217D	P		P			P			P	P		
ADCOTE™ 40-51 NEF	P	P										
ADCOTE™ HS 36X101	P	P										
ADCOTE™ HS 33-191												
ADCOTE™ 33R4G	P	P		P	P		P					



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FOR YOUR CALL.

