

Dantec Composite Hose Chemical Resistance Chart



The attached list gives an indication of the suitability of Dantec Composite Hose for various chemicals. It refers to the lining not the cover.

It is only intended as a guide and does not represent that the hose is guaranteed to be suitable for any specific chemical or physical handling of, a particular material.

Our technical staff will be pleased to advise on any specific application.

Hoses listed, and others not shown in our range, may be suitable for temperatures above 100°C/212°F. Please consult Dantec Ltd for advice.

A: SUITABLE for use at 100°C/212°F.

B: SUITABLE for use at worldwide ambient temperatures

I: SUITABLE for INTERMITTENT use only, at worldwide ambient temperatures.

Intermittent use is defined as typical of ship to shore or road tanker transfer operations where the hose is not left full of product after use.

X: UNSUITABLE – Do not use.

*: Polypropylene/Polyethylene couplings should be used.

		Danchem PG	Danchem PS	Danchem SG	Danchem SS	Danchem PA SG CO2	Danchem PA SS	Danchem PG VR	Danchem SS VR	Danflon GG	Danflon GGA	Danflon SG	Danflon SGA	Danflon SS	Danflon SSA		Danoil 3	Danoil 3AG	Danoil 7AG	Danoil 7GG	Danoil 9AG	Danoil 9GG	Danoil 9NG	Danoil 9SG	Danoil GG VR	Aluminium	Gunmetal/Brass	Stainless Steel	Mild Steel	SEAL	
Acetaldehyde	100	I	I	I	I	X	X	I	I	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	I	X	A	X		
Acetic acid	60	A	A	A	A	X	X	A	A	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	X	A	X	BU
Acetic acid	20	A	A	A	A	-	-	A	A	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	X	X	A	A		
Acetic acid	GLACIAL	B	B	A	A	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	X	BU	
Acetic anhydride	100	B	B	B	B	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	X		
Acetone	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	BU	
Acetone cyanohydrin		B	B	B	B	-	-	B	B	X	X	A	A	A	A		X	X	X	X	-	-	-	-	X	A	X	A	A		
Acetonitrile		B	B	B	B	B	B	B	B	B	B	A	A	A	A		B	B	B	B	B	B	B	B	B	A	A	A	A		
Acetophenone	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	A	A	A	A		
Acetylacetone	100	B	B	B	B	A	A	B	B	A	A	A	A	A	A		B	B	B	B	A	A	A	A	B	A	A	A	A		
Acetylene dichloride	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Acrolein	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Acrylic acid		B	B	B	B	-	-	B	B	X	X	B	B	B	B		X	X	X	X	-	-	-	-	X	X	A	A	X		
Acrylonitrile	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A		
Adipic acid	SATURATED	A	A	A	A	A	A	A	A	X	X	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Allyl alcohol	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Allyl bromide	100	I	I	I	I	I	I	I	I	I	I	B	B	B	B		I	I	I	I	I	I	I	I	I	A	A	A	X		
Allyl chloride	100	I	I	I	I	I	I	I	I	I	I	I	I	I	I		I	I	I	I	I	I	I	I	I	A	X	A	X		
Alums	SATURATED	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	X	A	A	A	
Adiponitrile	100	B	B	B	B	-	-	B	B	B	B	A	A	A	A		B	B	B	B	-	-	-	-	B	X	A	A	A		
Aluminium nitrate	SATURATED	B	B	B	B	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	X	A	X	
Aluminium chloride *	SATURATED	B	B	B	B	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Aminoethyl ethanolamine		B	B	B	B	X	X	B	B	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	A	A	A		
Ammonia solution		A	A	A	A	X	X	A	A	X	X	A	A	A	A		X	X	X	X	X	X	X	X	X	X	X	A	A	A	
Ammonium salts	SATURATED	A	A	B	B	A	A	A	A	X	X	B	B	B	B		X	X	X	X	A	A	A	A	X	X	A	A	A		
Ammonium chloride	SATURATED	A	A	I	I	A	A	A	A	X	X	I	I	I	I		X	X	X	X	A	A	A	A	X	X	A	A	A		
Amyl acetate	100	I	I	A	A	B	B	I	I	A	A	A	A	A	A		I	I	I	I	B	B	B	B	I	A	A	A	A		
Amyl alcohol	100	B	B	A	A	A	A	B	B	I	I	A	A	A	A		B	B	B	B	A	A	A	A	B	A	A	A	A		
Amyl chloride	100	I	I	I	I	I	I	I	I	I	I	A	A	A	A		I	I	I	I	I	I	I	I	I	A	X	A	A		
Aniline	100	A	A	A	A	X	X	A	A	I	I	A	A	A	A		X	X	X	X	X	X	X	X	A	X	A	A	A	BU	
Animal oil	100	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A		
Anisole	100	I	I	I	I	-	-	I	I	A	A	A	A	A	A		I	I	I	I	-	-	-	-	I	X	X	A	X		

