

MERCO TAPE – TECHNICAL DATA SHEET

Merco MEB series Extreme Bond D/C Tapes

Merco MEB series Extreme Bond Double Coated Tapes



Merco MEB (or Merco Extreme Bond) tape are an excellent alternative to **3M's VHB (or Very High Bond tapes.)** Like 3M's tape, is engineered to create a **high performance and permanent bond** between many types of substrates, including most metals, glass, plastics, wood and materials. Each offers excellent weathering and aging properties and is resistant to most solvents and chemicals. **Use MEB as a direct replacement to most mechanical fasteners, liquid adhesives and spot welding.**

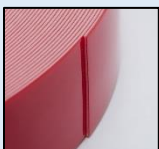
Merco MEB series Extreme Bond Double Coated Tapes offer high bond strength, excellent impact and shock absorption, and excellent U.V., solvent, & moisture resistance. It is flexible, moldable, compressible for curve lines and filling gaps and it maintains bond through broad temperature range: -30°C to 80°C

Merco MEB series Extreme Bond Double Coated Tapes are frequently used in window glazing and seaming for standard and high impact resistant glass (i.e. hurricane glass, bulletproof glass). It is used in electrical and HVAC industries to bond and seam metal in electrical panels and HVAC units. Automobile manufacturers and after-market companies use this as a direct replacement to mechanical fasteners and glue adhesives. Premium and Trophy manufacturers use Merco MEB to bond of name plates & decorative trim. Sign and graphics manufacturers and installers use this for a permanent hold that does not require drilling. Furniture makers use to attach materials of dissimilar surfaces. Merco MEB tape can tolerate differentiate movement up to 3 times its thickness. It resists corrosion, unlike metal fasteners. It reduces sku count: one tape instead of many fasteners.

Again: **Merco MEB series Extreme Bond Double Coated Tapes** can be used as a direct replacement of mechanical fasteners, rivets, bolts, screws, cement and glue, especially for attachment of dissimilar surfaces.

We offer four varieties in too many widths to list:

MEB W and G feature a high performance, high shear **acrylic adhesive** bonded to a **closed cell acrylic foam**, self-wound on a red poly liner. Conformable foam construction provides anti-vibration properties and allows for expansion and contraction directly at bond points.



MEB C and T are a **solid acrylic tape** system designed to provide a superior bond. **CLEAR** features a water clear acrylic layer and is ideal for applications involving glass and clear plastics. **TRANSLUCENT** offers an opaque look and is more suitable where bond integrity is more important to appearance.

Merco Tape

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Our **Merco MEB series Extreme Bond Double Coated Tapes** is similar in specifications and performance to these 3M part numbers: 4611, 4622, 4646, 4655, 4905, 4910, 4930, 4936, 4941, 4950, 4956

	Thickness in mils	Tensile lbs./in ²	Sheer lbs./in ²	180° Peel Strength oz/in 30 mins	180° Peel Strength oz/in 24 hours	Temperature Range
Gray	15	88	132	125	161	-40F to 356F
	25	99	132	161	233	-40F to 356F
	30	121	128	233	394	-40F to 356F
	45	99	121	251	430	-40F to 356F
	60	99	121	233	412	-40F to 356F
	80	99	121	215	358	-40F to 356F
White	15	88	132	125	161	-40F to 356F
	25	99	132	161	233	-40F to 356F
	45	110	121	233	323	-40F to 356F
	80	99	121	215	358	-40F to 356F
	115	99	121	215	358	-40F to 356F
Clear/Translucent	10	99	132	90	115	-40F to 356F
	20	99	99	129	161	-40F to 392F
	40	88	88	179	233	-40F to 392F
	60	66	77	215	258	-40F to 392F
	80	66	66	226	287	-40F to 392F

Merco Extreme Bonds Tapes must be ordered
in minimum lots of 4" of width per any given size.



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