

NON-METALLIC EXPANSION/
DEFLECTION COUPLING

T&B[®] Fittings



Solutions Through Relationships—Since 1919

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Thomas&Betts
A Member of the ABB Group

Non-Metallic Expansion/ Deflection Coupling

Innovative New Design Improves Safety and Saves Labor Time and Costs.

Use the new T&B® Fittings Non-Metallic Expansion/Deflection Coupling to join two rigid PVC conduit runs in applications requiring movement in any direction at structural joints. It provides a flexible, connection, safely accommodating axial or parallel deflection of up to 3/4" and angular deflection of up to 30° from relaxed position.

This coupling meets the requirements of 2014 National Electrical Code® (NEC®) Article 300.4(H) for use where a raceway crosses a structural joint intended for expansion, contraction or deflection in buildings, bridges, parking garages and similar structures.

- Suitable for use indoors, outdoors, direct burial or embedded in concrete in a variety of applications, including bridges, piers, parking garages, overhead walkways, hospitals and other buildings
- Flexible neoprene outer jacket with tamper proof stainless steel straps ensures superior protection and corrosion resistance suitable for wet locations
- Inner sleeve provides a constant, smooth inner diameter in any position to ease wire pulling and prevent wire insulation damage
- Up to five times faster to install vs. traditional method
- Up to 5-to-1 SKU reduction
- Can be used with Schedule 40 and Schedule 80 rigid PVC conduit
- UV Resistant
- Patent pending



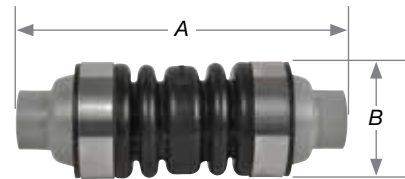
Listings/Compliances

- CSA Certified to CSA C22.2 No. 85
- 2014 NEC® Article 300.4(H) compliant



Materials/Finishes

- Coupling Ends: Smooth Gray PVC
- Inner Sleeve: Smooth Gray PVC
- Outer Jacket: Natural Black Molded Neoprene
- Jacket Straps: Stainless Steel



T&B® Fittings Non-Metallic Expansion/Deflection Coupling



CATALOG NUMBER	TRADE SIZE (IN.)	DIMENSION A (IN.)	DIMENSION B (IN.)	UPC NUMBER
XD1NM-TB	1/2	7.28	2.40	78620984406(4)
XD2NM-TB	3/4	7.36	2.66	78620984407(1)
XD3NM-TB	1	7.66	2.96	78620984408(8)
XD5NM-TB	1 1/2	8.26	3.60	78620984416(3)
XD6NM-TB	2	9.14	4.34	78620984417(0)
XD7NM-TB	2 1/2	10.75	5.15	78620984422(4)
XD8NM-TB	3	11.36	5.60	78620984423(1)
XD010NM-TB	4	12.25	7.17	78620984439(2)

*Add 0.25" to O.D. clearance for strap buckle

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