

PRODUCT DATA SHEET

DESCRIPTION

Toray PMC CFRT® XTX-Orthotics are lightweight, high strength laminates that are available in several rigidity types ranging from Ease Flex to Ultra Rigid.

FEATURES

- › Thin durable material for custom orthotics for use in a broad range of applications from dress shoes to athletics.
- › Four XTX grades are available: Ease Flex, Semi Rigid, Rigid, and Ultra Rigid.
- › Easy to mold and finish, requires no special handling.
- › Value and performance leader
- › Composite structure for thinness and high strength
- › Superior recoil and spring characteristics
- › Can be reheated and remolded
- › Unique resin designed for high resistance to cracking, impact and fatigue
- › Deep heel cups and directional rigidity for greater foot support and control



PRODUCT TYPE AND COMPOSITION

Toray PMC CFRT® Fiber Reinforced Polypropylene Thermoplastic Biaxial Laminate

(Continuous Fiber reinforced Thermoplastic)

SHELF LIFE

Stable indefinitely at 25°C (77°F)

No special storage conditions required.

TYPICAL APPLICATIONS

- › Orthotics



Contact us for more information:

e contact@toraypmc.com

t +1 805 482 1722 (USA)

CFRT®

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XTX Code	Description	Thickness	Rigidity Factor	Heating Time @ 400°-420°F(204-216°C)Oven
XTX-EF	Ease Flex	1.6/0.063 (mm/in)	1.8	3 minutes
XTX-SR	Semi Rigid	1.9/0.075 (mm/in)	3.4	4 minutes
XTX-R	Rigid	2.5/0.098 (mm/in)	7.5	4.5 minutes
XTX-UR	Ultra Rigid	3.0/0.118 (mm/in)	10.0	5 minutes

AVAILABLE SIZES

cm	inches
8.3 x 17.8	3.25 x 7
8.9 x 19.1	3.5 x 7.5
10.2 x 20.3	4 x 8
10.2 x 21.6	4 x 9
10.2 x 30.5	4 x 12
12.7 x 22.9	5 x 9
15.2 x 30.5	6 x 12
61 x 91.4	24 x 36
91.4 x 122	36 x 48

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