

DESCRIPTION DYMAT[®] Discs are made of a proprietary polyether urethane known as Dyaprene™ and provide superior performance characteristics in a wide range of applications. In post tensioning applications the DYMAT[®] Discs are installed between post tensioned elements to allow for rotations without permanent concrete deformation – thus adding significant ductility.

TYPICAL USES

- Used in combination with post-tensioning systems
- Bridge bearings
- Base isolation
- Dynamic absorption

FEATURES & BENEFITS

- Adds ductility to post-tensioning systems without permanent concrete damage
- Allows for structural rotations
- Decreases overall construction time



Figure 1 - DYMAT[®] Discs tested at University of California, San Diego

TYPICAL PHYSICAL PROPERTIES

Characteristic	Typical Test Value	Units
Hardness, Durometer D	55-68	-
Elastic modulus	3800	psi
Tensile strength	8800	psi
Elongation at break	240	%
Tear strength	145	lb./in.
Specific gravity	1.19	-
Resilience, (Bashore)	45-50	%

CERTIFICATE OF COMPLIANCE

- COC provided upon request, compliant with local and federal packaging laws
- Material safety data sheets (MSDS) provided upon request