

DAYComp is a high-performance composite material designed to outperform traditional bronze sliding and guide elements, reducing wear, failures & maintenance costs in hot and cold forming operations.



### Extended Tool Life

The material's low friction prevents dust buildup, reducing wear and extending component lifespan.



### Lower Maintenance & Repair Costs

Durable composites reduce downtime, cutting maintenance and operating costs.



### Exceptional Performance

DAYComp composites excel as guide and sliding elements, even in tough conditions.



### Total Cost of Ownership

DAYComp's longer lifespan requires less frequent replacements, significantly lowering total cost of ownership.

3X

**Heat Resistant**



8X

**Lighter**



12X





**Less Friction**



X -  
times

**Longer Lasting**



				
Steel against	DAYComp (RED) Composite Material	DAYComp (BLUE) Composite Material	DAYComp (BLACK) Composite Material	Bronze (REF various manufacturers)
Density g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	1.15 (71.79)	1.15 (71.79)	2.18 (136.09)	1.15 (71.79)
Surface pressure N/m <sup>2</sup> (lb/ft <sup>2</sup> )	9-13 (0.18-0.27)	9-13 (0.18-0.27)	11-16 (0.22-0.33)	35 (0.73)
Coefficient of friction	0.01-0.05	0.01-0.05	0.01-0.06	0.05-0.12
Temperature resistance	110°C (230°F)	160°C (320°F)	390°C (734°F)	<150°C (302°F)