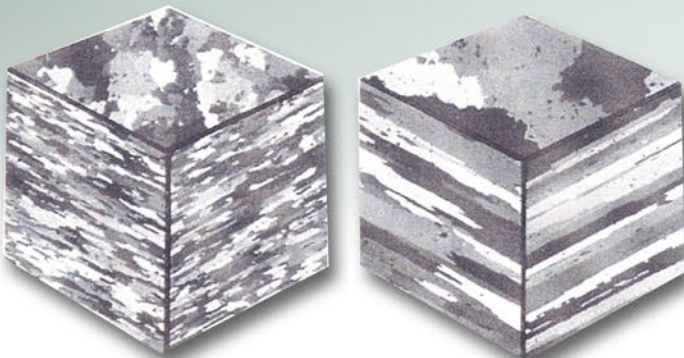


FOR DIFFICULT FORMING APPLICATIONS (2XXX, 6XXX, 7XXX)

Kaiser Aluminum supplies Hi-Form™ 2xxx, 6xxx, and 7xxx sheet and coil products for applications that involve difficult forming operations. Hi-Form™ sheet not only has superior bending, forming, and drawing characteristics, it also has inherent fine grain structure that results in a smoother finish. These improved characteristics result in smoother surface and less surface tearing.

Hi-Form™ 7075-0

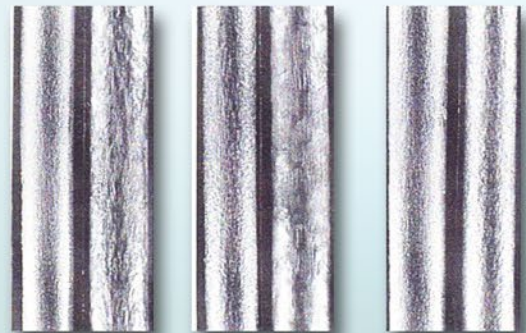
Standard 7075-0



2024-0

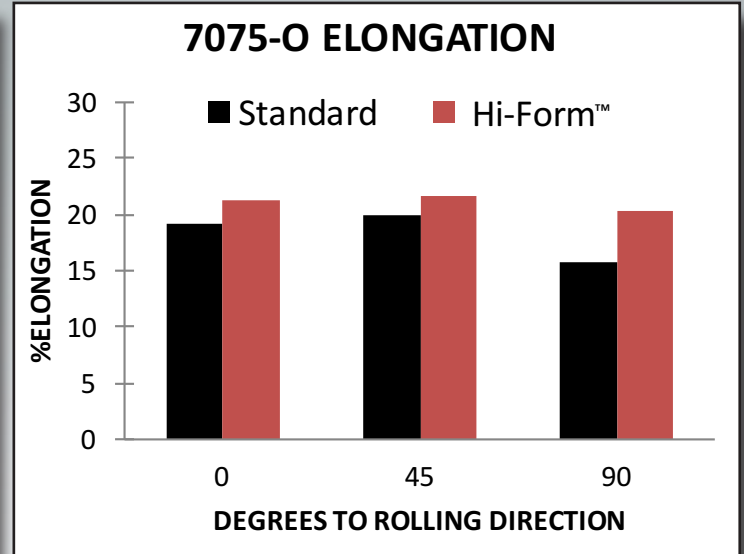
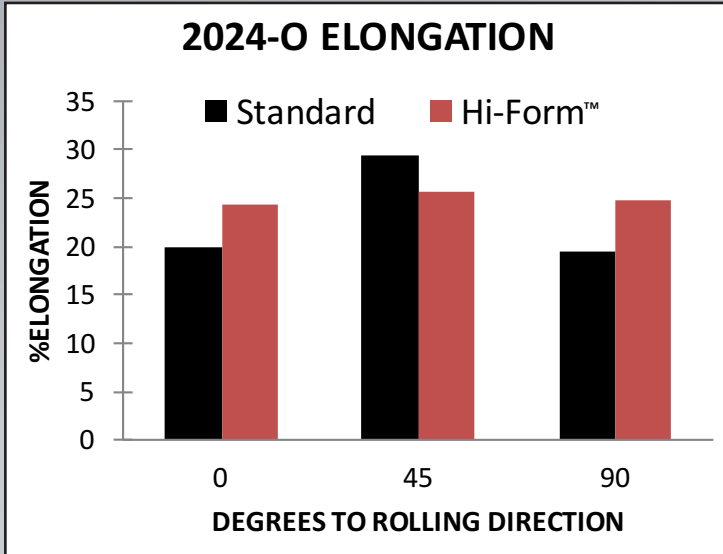
7075-0

6061-0



0t bend radius examples in 0.063inch 0-temper sheet. Hi-Form™ on the left and standard sheet on the right

INCREASED ELONGATION

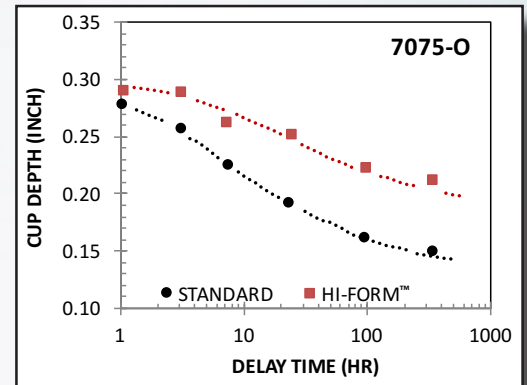


W-TEMPER FORMABILITY ADVANTAGES

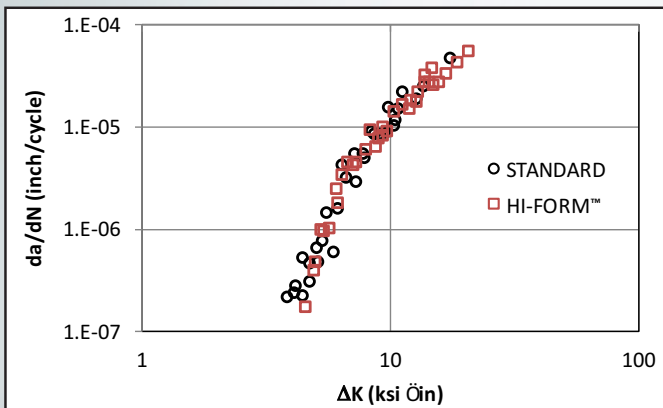
Hi-Form™ 2024-W and 7075-W has

- Superior stretching as measured by the Olsen cup test
- Less sensitivity to natural aging effects when forming in the W temper condition compared to standard W temper products.

Cost savings thru extended allowable forming time and minimized refrigeration prior to forming



SIMILAR PROPERTIES



The mechanical properties after processing Hi-Form™ to the final temper are generally the same as standard products, as shown above by the 7075-T62 fatigue crack growth rates from standard and Hi-Form™-O temper sheets.

PURCHASING HI-FORM™

Hi-Form™ 7075-O can be procured by specifications:

- **Bare:** AMS-QQ-A-250/12, AMS4044, AMS4277, ASTM B209
- **Clad:** AMS4048, AMS4278, ASTM B209

Hi-Form™ 2024-O can be procured by specifications:

- **Bare:** AMS-QQ-A-250/4, AMS4276, AMS4035, ASTM B209
- **Clad:** AMS-QQ-AA-250/5, AMS4274, AMS4461, ASTM B209

Hi-Form™ 6061-O can be procured by specifications

- **Bare:** AMS4025, ASTM B209

Additional alloys are available – contact your Kaiser Sales Representative for more information.