TERVES
ENGINEERED RESPONSE

DATASHEET

TervAlloy ™ Frac Balls

TervAlloy™

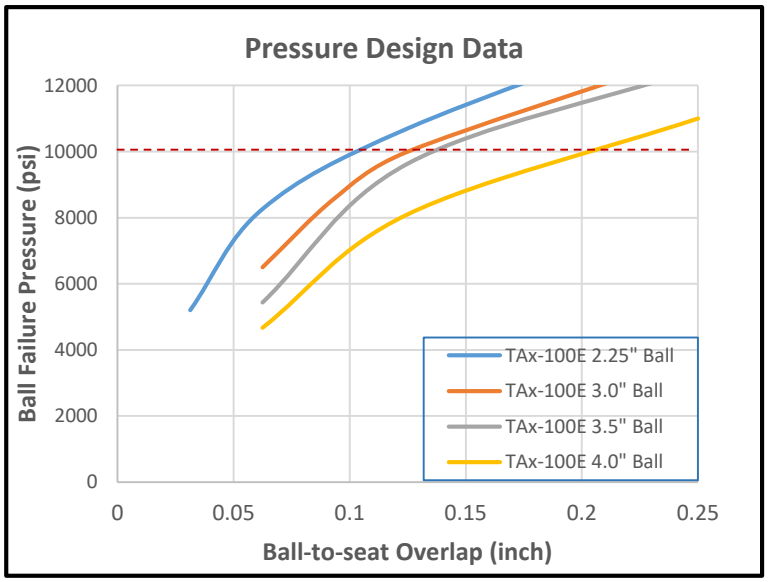
PRODUCT DESCRIPTION: DISSOLVABLE ALLOY FRAC BALLS

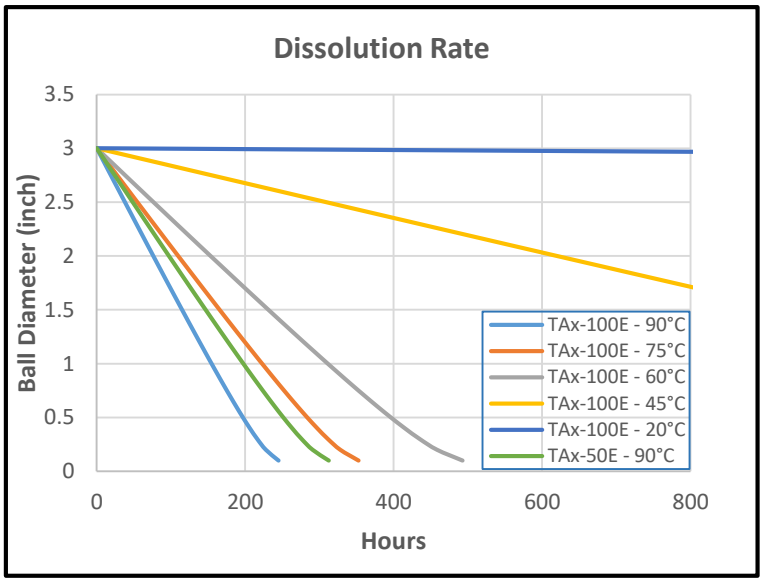
TervAlloy Frac Balls are created from our patent-pending TAx-100E™, TAx-50E™, and Z-1000C alloys, and have become recognized as the industry standard for consistent performance and value. Available in both stock and custom sizes, these high performance frac balls will dissolve in potassium chloride and sodium chloride solutions. TervAlloy Frac Balls can also be provided with various Response Coatings™ applied to modify or extend particular dissolution rates. General guidelines for TervAlloy Frac Balls are as follows:

- Twenty-eight standard sizes, though any size may be specified up to 4.95 in.
- Standard tolerances are +.000,-.003 (tighter tolerances may be available upon request)
- KCl/brine, acid, and freshwater alloys are available

TervAlloy Frac Ball Properties

Mechanical Properties	TAx-100E	TAx-50E	Z1000-C
Ultimate tensile strength (ksi)	40	40	34
Yield strength (ksi)	26.5	30	17
% Elongation	8.8	9.5	5
Specific gravity	1.85	1.85	1.8
Dissolves in:	KCl	KCl	Acid
Dissolution rate at 90° C (mg/cm²•hr) - 3%KCl	32	25	--





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