

GD35Mo™ Alloy Slicklines for Highly Corrosive Well Media.

Material grade UNS N08028 / W.-Nr.4563

GD35MO™ offers extraordinarily high stability against corrosion, stress corrosion & inter-granular corrosion in wells where CO₂, H₂S and Chlorides are present.

Chemical Composition Range		
Element	Min	Max
Ni	26.0	28.0
Cr	30.0	32.0
Mo	3.0	4.0
Si	N/A	0.7
Mn	N/A	2.0
N	0.04	0.07
C	N/A	0.015
P	N/A	0.02
S	N/A	0.01

Typical Physical Properties	
Density	8.0g/cc
Modulus of Elasticity	195GPA
Hardness Rockwell B	90
PREN= 39.5 (PREN=%Cr + 3.3 x %Mo + 16 x %N)	

Mechanical Properties			
Diameter	Nom. B. Load**	Approx. Weight	Min. Pulley Diameter
Ins.	Lbs.	Lbs./1000ft	Ins
0.092	1450	22.9	11
0.108	1970	31.6	13
0.125	2600	42.3	15

GD35MO™ is a Super-Austenitic stainless alloy. It is well suited for work in highly corrosive wells especially where pitting, crevice corrosion, and stress corrosion cracking are likely to occur. Increased levels of chromium and nickel ensure excellent general corrosion resistance.

*Weight for stretch calculation must include the weight of the wire.

**DWS recommends a maximum safe working load of 60% Actual Breaking Load (ABL) when jarring and 70% ABL for straight pulls.