



# GERARD DANIEL WORLDWIDE

GERARD DANIEL WORLDWIDE ~ 34 BARNHART DRIVE ~ HANOVER, PA 17331  
PHONE: 1800-323-3332 ~ FAX: 717-637-5901



## Black Annealed Tie Wire

DATA SHEET

Black Carbon Steel Wire annealed to ensure the wire can be tied / bent with ease. The wire can be packaged as coils, spools handi-paks, handi-reels, handi-cans or as straight & cut pieces.



### MATERIAL PROPERTY DATA

WIRE SPECIFICATION	ASTM - A 510 CARBON STEEL WIRE ASTM - A 583 CARBON STEEL WIRE
FINISH	FULLY ANNEALED - CONDITION A
WIRE SIZE	.023" - .1483" DIAM
TENSILE	60,000 - 75,000 PSI
CHEMISTRY	
CARBON	0.08 - 0.13
MANGANESE	0.30-0.60
SILICON	<=0.03
PHOSPHORUS	<=0.035
SULFUR	<=0.035

GERARD DANIEL  WORLDWIDE DIVISIONS

\*\*ALL VALUES ARE NOMINAL\*\*