

TUFF-N-NUFF®

**INDUSTRY BEST
LEAD TIMES!**

ROCKSHIELD PIPELINE WRAP

- Trusted by Pipeline Owners for nearly 30 years
- Superior Cold Weather Performance / Ease of Installation
- Most Widely Used and Specified Rockshield for Oil & Gas Pipelines in the US and Canada
- Surpassed Every Brand of Rockshield During Impact Resistance Testing

BUILDING TRUST



TUFF-N-NUFF®

ROCKSHIELD PIPELINE WRAP

11,000 MILES OF
TUFF-N-NUFF®
INSTALLED...
AND COUNTING

- Industry leading impact resistance with ASTM G13 (Modified)*
- Formulated for flexibility in extreme cold weather environments. Tuff-N-Nuff® remains the extreme weather leader and has been successfully tested to (-50° to 120°C) / (-58° to 248°F)
- Significant cost savings with use of native soil for backfill
- Does not shield cathodic protection / Safety Yellow Color



INSTALLATION: Custom sized rolls and pads are easily wrapped around pipelines by placing Tuff-N-Nuff® on top of the pipe and rolling it out completely. It is generally recommended to overlap the edges of Tuff-N-Nuff® at the 6 o'clock position of the pipe to ensure "double layer" protection at the critical weight bearing point. An end to end overlap of 1 to 2 inches is also recommended. Affix the rockshield using tape or appropriate non-metallic strapping. The pipeline may be backfilled immediately following the completion of the installation process.

- Custom size Rockshield is:**
- Available for every pipeline diameter size
 - Zero field-trimming
 - Reduced waste
 - Reduced labor costs

Tuff-N-Nuff Rolls					
Pipe Diameter	Pipe Circum.	Roll Width	Roll Length		
			30ft	40ft	50ft
			Square ft per Roll		
2"	7.45"	12"	12" x 60ft RIP Shield		
4"	13.9"	18"	45	60	75
6"	19.6"	24"	60	80	100
8"	27"	32"	80	106.7	133.3
10"	33.75"	36"	90	120	150
12"	40"	44"	110	146.7	183.3
14"	43.9"	48"	120	160	200
16"	50.2"	54"	135	180	225
18"	56.5"	60"	150	200	250
20"	62.8"	67"	167.5	223.3	279
22"	69"	72"	180	240	300

Tuff-N-Nuff Pads			
Pipe Diameter	Pipe Circum.	Pad Width	Pad Width x 6 ft
			Square ft per Pad
24"	75.3"	80"	40
26"	81.6"	86"	43
28"	87.9"	92"	46
30"	94"	98"	49
32"	100.5"	104"	52
34"	106.75"	111"	55.5
36"	113"	117"	58.5
42"	131.8"	136"	68
48"	150.7"	155"	77.5

For up to date and accurate information please consult the current Product Data Sheet at usa.sika.com

*Results may differ based upon statistical variations depending upon equipment, temperature, application methods, test methods and actual site conditions.

FOR MORE TUFF-N-NUFF® ROCKSHIELD INFORMATION:

Contact Sika Team 1-800-325-3605 ■ Website www.tuff-n-nuff.com

SIKA SAINT LOUIS

3400 Tree Court Industrial Blvd.
St. Louis, MO 63122
USA

Contact

Phone: 1-800-325-3605
Fax: 1-800-325-3603
www.tuff-n-nuff.com

BUILDING TRUST

