



NUVALOY®

Abrasion Resistant Pipe

United Conveyor Corporation (UCC) NUVALOY® Abrasion Resistant Pipe is the industry standard used in pneumatic and hydraulic ash conveying systems. NUVALOY material is specifically formulated to maximize hardness and resistance to wear, minimizing abrasive failures. NUVALOY abrasion resistant pipe is centrifugally cast to produce a thick walled pipe that maximizes service life and increases uptime in the conveying of slurry, fly ash, bottom ash, and economizer ash.

Plain Pipe Ends



FEATURES

- Material: Centrifugally cast, low chrome iron alloy
- Hardness: 285 - 400 BHN (NUVALOY I), 475 - 550 BHN (NUVALOY II)
- Wall Thickness: 0.48 - 0.68" depending on size
- Inside Diameter: 4 -14" depending on size
- Pipe Ends: Plain
- Stock Length: 17' and 18'

ADVANTAGES

- **Longer Service Life**
 - › Chrome-iron alloy for superior abrasion resistance
 - › Centrifugal casting process produces an interior surface that progressively resists wear over time
 - › On-site rotation of pipe changes wear location and extends service life
 - › Resistance to oxidation (up to 1200°F) is ideal for high temperature applications such as economizer ash conveying
 - › High temperature and impact resistant material is ideal for ash handling
- **Simple Installation and Easy Maintenance**
 - › UCC locking and non-locking clamps allow for fast, easy installation
 - › UCC locking clamps provide superior sealing performance to pipe and fittings
 - › Custom lengths from our warehouse eliminate field cutting and reduce installation costs
- **In Stock**
 - › Fast delivery to meet short lead-time requirements

In-Stock for Fast Delivery



NUVALOY[®]

Abrasion Resistant Pipe

KEY DIMENSIONS

NUVALOY I											
Size		Outer Diameter		Inner Diameter (ref.)		Wall Thickness (minimum)		Weight (maximum)		Length (maximum)	
in.	mm	in.	mm	in.	mm	in.	mm	lb./ft.	kg./ft.	ft.	mm
4	102	5.00	127	4.04	103	0.48	12	27	12	18	5486
5	127	6.00	152	5.00	127	0.50	13	34	15	18	5486
6	152	7.10	180	6.00	152	0.55	14	43	19	18	5486
7	178	8.38	213	7.00	178	0.69	18	61	27	18	5486
8	203	9.05	230	7.75	197	0.65	17	64	29	18	5486
9	229	10.33	262	9.01	229	0.66	17	74	33	18	5486
10	254	11.10	282	9.96	253	0.57	14	76	34	18	5486
11	279	12.20	310	11.00	279	0.60	15	84	38	18	5486
12	305	13.20	335	11.96	304	0.62	16	93	42	18	5486
14	356	15.30	389	13.94	354	0.68	17	118	53	18	5486

NUVALOY II											
Size		Outer Diameter		Inner Diameter (ref.)		Wall Thickness (minimum)		Weight (maximum)		Length (maximum)	
in.	mm	in.	mm	in.	mm	in.	mm	lb./ft.	kg./ft.	ft.	mm
5	127	6.00	152	5.00	127	0.50	13	34	15	18	5486
6	152	7.10	180	6.00	152	0.55	14	43	19	18	5486
8	203	9.05	230	7.75	197	0.65	18	64	29	18	5486
9	229	10.33	262	9.01	229	0.66	17	74	33	18	5486
10	254	11.10	282	9.96	253	0.57	14	76	33	18	5486
12	305	13.20	335	11.96	304	0.62	16	93	42	18	5486
14	356	15.30	389	13.94	354	0.68	17	118	53	18	5486

ORDERING INFORMATION

Please reference UCC Drawings 2-174001, 174012 for current product information.

UNITED CONVEYOR CORPORATION