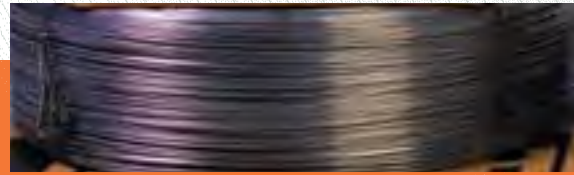




HOBART®

Our signature MainLine products include twelve superior performing stick electrodes, solid wires and tubular wires chosen from our extensive full line of Hobart filler metals.





▶▶▶ MAINLINE PRODUCTS

AWS CLASS	PRODUCT NAME	DESCRIPTION
E71T-1C/-1M/-9C/-9M	Excel-Arc™ 71 FabCO® Hornet	<ul style="list-style-type: none"> Versatile all-position flux-cored wire CO₂ or 75/25 shielding gas Exceptional weldability Recommended for single- or multi-pass
E70T-1C H8/-9C H8 E70T-1C/-9C	TR-70 FabCO RXR	<ul style="list-style-type: none"> Flat/horizontal flux-cored wire Welds through rust, mill-scale, or light oil General purpose wire with CO₂ shielding gas
E71T-11	Fabshield® 21B	<ul style="list-style-type: none"> All-position self-shielded flux-cored wire Easy to weld and ideal for general fabrication
E70T-6	Fabshield XLNT-6	<ul style="list-style-type: none"> High deposition flat/horizontal self-shielded wire Good impact strength at low temperatures Structural steel erection, bridge, offshore rigs
E71T-8J H8	Fabshield XLR-8	<ul style="list-style-type: none"> All-position self-shielded flux-cored wire Good impact strength at low temperatures Excellent weldability with X-ray quality welds Structural steel erection, bridge, offshore rigs
E70C-6M H4	FabCOR® 86R	<ul style="list-style-type: none"> Versatile low hydrogen metal cored wire Has high deposition qualities of a flux-cored wire and high efficiencies of a solid wire 75-95 Ar/Bal. CO₂ shielding gas
E7018-1	Hobart 418	<ul style="list-style-type: none"> Good general purpose low hydrogen electrode All position stick electrode with high impacts Superior weldability and slag release
E6011	Hobart 335A	<ul style="list-style-type: none"> All position mild steel stick electrode Quick starts, easy slag release, great wet-in Excellent for rusty or painted surfaces
ER70S-3	Quantum Arc™ 3	<ul style="list-style-type: none"> Copper-coated mild steel solid wire for short circuit or spray transfer General fabrication CO₂ or mixed gas wire
ER70S-6	Quantum Arc™ 6	<ul style="list-style-type: none"> Copper-coated mild steel solid wire Ideal for general fabrication and is a great choice for lightly scaled or rusted base material CO₂ or mixed gas, consistent feeding wire





>>> FLUX-CORED GAS SHIELDED



Excel-Arc 71

(AWS E71T-1C/-1M/-9C/-9M)

Excel-Arc 71 is a versatile, high-penetrating gas-shielded flux-cored wire designed to provide a low-hydrogen weld deposit using a spray-type transfer mode. The wire operates with either 100% CO₂ or a 75% Argon/25% CO₂ shielding gas mixture and exceeds the AWS impact strength requirement of 20 ft.lb. at both 0°F and -20°F. It offers best-in-class operability, slag removal and bead shape on both single- and multi-pass applications, along with low spatter levels. Excel-Arc 71 offers all-position welding capabilities.

Applications: General fabrication, structural steel, heavy equipment manufacturing or repair, low-alloy or mild steel

DIAMETERS AND PACKAGES*		
Diameter	33-lb (15kg) Spool	60-lb (27.2kg) Coil
0.045" (1.2mm)	S247112-029	
1/16" (1.6mm)	S247119-029	S247119-002

FabCO Hornet

(AWS E71T-1C/-1M/-9C/-9M)

FabCO Hornet gas-shielded flux-cored welding wire is designed for all-position applications and produces flat bead profiles, low spatter levels and an easy-to-remove slag. The wire is usable with either 100% CO₂ or a 75% Argon/25% CO₂ shielding gas mixture and is recommended for single- and multi-pass applications. It provides good impact properties at temperatures as low as -20°F.

Applications: General fabrication, structural steel, heavy equipment manufacturing or repair, low-alloy or mild steel

DIAMETERS AND PACKAGES*	
Diameter	33-lb (15kg) Spool
0.045" (1.2mm)	S246212-029
1/16" (1.6mm)	S246219-029

FabCO RXR

(AWS E70T-1C/-9C)

FabCO RXR gas-shielded flux-cored wire features extra deoxidizers for welding through rust, mill scale, or light oil on either single- or multi-pass applications in the flat or horizontal positions. FabCO RXR has a spray-type transfer, low spatter and an easily removed and moderate volume slag that completely covers the weld bead. It offers deep penetration, a low-hydrogen deposit, and is designed for use with 100% CO₂ shielding gas only.

Applications: Steel structures, storage vessels, earthmoving equipment, heavy fabrication, and railroad car applications, including center sills, strikers, bolsters, side sheets, plus low-alloy or mild steel

DIAMETERS AND PACKAGES*	
Diameter	60-lb (27.2kg) Coil
1/16" (1.6mm)	S246519-002
3/32" (2.4mm)	S246529-002

FabCO TR-70

(AWS E70T-1C H8/-9C H8)

FabCOTR-70 wire offers a deep-penetrating, low-hydrogen weld deposit that is tolerant to rust, mill scale and light oil, and it features a stable arc with long stick-outs to allow for easy gap filling. This gas-shielded flux-cored wire features low smoke and low spatter and operates with 100% CO₂ shielding gas. It is designed for single- or multi-pass welding in the flat and horizontal position.

Applications: Earthmoving equipment, heavy fabrication, railroad cars, steel structures, storage vessels, mining machinery, plate fabrication, shipbuilding, and light- to heavy-gauge mild steel and low-alloy steel

DIAMETERS AND PACKAGES*	
Diameter	60-lb (27.2kg) Coil
1/16" (1.6mm)	S247019-002
3/32" (2.4mm)	S247029-002



*NOTE: For additional package sizes, call our customer service team at 800-424-1543 or 937-332-5188.



>>> FLUX-CORED SELF SHIELDED



Fabshield 21B

(AWS E71T-11)

Fabshield 21B is an all-position self-shielded flux-cored wire that is particularly well-suited for fillet and lap welds on thin-gauge mild or galvanized steel. It can also be used for single- or multi-pass welds up to 3/4" thick. Fabshield 21B wire offers all-position welding capabilities and produces a smooth, spray-like arc transfer that generates low spatter levels and creates an excellent weld bead appearance. Its easy-to-remove slag helps reduce downtime for cleanup.

Applications: General fabrication, light structurals, machinery part fabrication, prefab construction, railroad car repair, short assembly welds, and tanks

DIAMETERS AND PACKAGES*		
Diameter	10-lb (4.5kg) Spool	33-lb (15kg) Spool
0.045" (1.2mm)	S222112-022	S222112-029
1/16" (1.6mm)		S222119-029

Fabshield XLR-8

(AWS E71T-8J H8)

Fabshield XLR-8 self-shielded flux-cored wire is capable of depositing low-hydrogen, X-ray quality welds in all positions and is especially well-suited for producing vertical-up welds at high current levels. It provides a stable arc and excellent mechanical properties within a wide range of parameters, and is usable for AWS D1.8 Demand Critical welds. Fabshield XLR-8 also meets the D designation under AWS A5.20/A5.20M:2005 and is designed to be used with constant voltage (CV) power sources.

Applications: Structural steel erection, heavy equipment repair, and ship and barge construction

DIAMETERS AND PACKAGES*		
Diameter	20-lb (9.1kg) vacuum-packed spool	33-lb (15kg) vacuum-packed spool
1/16" (1.6mm)	S225719-082	S225719-053
5/64" (2.0mm)	S225725-082	S225725-053

Fabshield XLNT-6

(AWS E70T-6)

Fabshield XLNT-6 wire is designed for flat and horizontal welding applications that require excellent impact toughness properties at low temperatures. This self-shielded flux-cored wire provides easy-to-remove slag, outstanding arc stability, and high deposition rates, and it can be used for either single- or multi-pass welding. The 3/32" diameter wire meets the D designator, which makes it usable for AWS D1.8 Demand Critical welds. Fabshield XLNT-6 operates with constant voltage (CV) power sources.

Applications: Structural steel erection, heavy equipment repair, ship and barge construction, and bridge construction

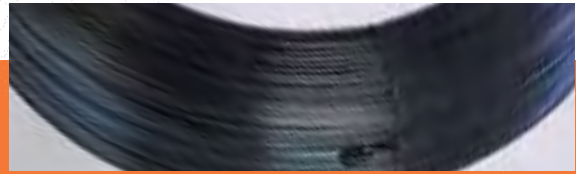
DIAMETERS AND PACKAGES*		
Diameter	50-lb (22.7kg) Coil	25-lb (11.3kg) vacuum-packed spool
3/32" (2.4mm)	S225629-014	S225629-H29



*NOTE: For additional package sizes, call our customer service team at 800-424-1543 or 937-332-5188.



>>> METAL-CORED GAS SHIELDED



FabCor 86R (AWS E70C-6M H4)

FabCor 86R gas-shielded metal-cored wire provides deposition rates in excess of 20 lbs/hr. with efficiencies of 95% or greater, and features a smooth and consistent spray transfer to minimize spatter. The wire has minimal slag coverage, features an easy-to-control arc and creates a low hydrogen weld deposit to reduce the risk of cracking. FabCor 86R can be used for single- or multi-pass welding in the flat and horizontal welding positions and uses 75%-95% Argon/balance CO₂ shielding gas mixture.

Applications: Automated or robotic welding, earthmoving equipment, railroad cars, steel structures, storage vessels, short-assembly welds, and tanks

DIAMETERS AND PACKAGES*			
Diameter	33-lb (15kg) Spool	60-lb (27.2kg) Coil	750-lb (340.2kg) X-Pak
0.045" (1.2mm)	S249412-029	S249412-002	S249412-075
.052" (1.4mm)		S249415-002	S249415-075
1/16" (1.6mm)	S249419-029	S249419-002	

>>> SOLID WIRE



Quantum Arc 3 (AWS ER70S-3)

Quantum Arc 3 is a copper-coated, mild steel solid wire with added deoxidizers and is well-suited for short circuiting and spray-transfer applications. The wire operates with 100% CO₂ or 75% Argon/25% CO₂ shielding gas mixtures and provides a clean weld deposit with few silicon islands, making it virtually ready to paint. It also feeds smoothly and consistently, allowing for repeatable weld parameters and making it excellent for use with longer weld cables.

Applications: Auto frames, general fabrication, farm equipment, ornamental iron fabrication, railcars, sheet metal, and storage bins

DIAMETERS AND PACKAGES*	
Diameter	45-lb (20.4kg) Wire Basket
0.035" (0.9mm)	S307308-045
0.045" (1.2mm)	S307312-045

Quantum Arc 6 (AWS ER70S-6)

Quantum Arc 6 solid wire includes deoxidizers that provide sound, porosity-free welds, even when welding on rusty, scaly, or oily plates, and helps minimize pre-cleaning. This copper-coated, mild steel wire operates with CO₂ and Argon-rich shielding gases and provides an exceptionally stable and smooth arc, along with good wetting action. Its smooth feedability makes it especially suitable for high-duty-cycle applications and helps increase consumable life.

Applications: Construction, farm implement fabrication, general shop work, steel castings or forging salvage, shaft buildup, auto and truck assemblies, and tanks

DIAMETERS AND PACKAGES*	
Diameter	45-lb (20.4kg) Wire Basket
0.035" (0.9mm)	S307608-045
0.045" (1.2mm)	S307612-045

>>> STICK ELECTRODES



Hobart 335A (AWS E6011)

The Hobart 335A stick electrode offers a fine spray transfer that makes it easily usable in all positions and is designed for use with AC power sources. This cellulose-based electrode provides stable arc characteristics and good penetration, as well as quick arc starting and a superior arc drive. Hobart 335A can weld through rusty or painted materials or those that cannot be completely pre-cleaned, while still providing excellent wet-in.

Applications: Galvanized steel work, general fabrication, railroad cars, shipbuilding and structural work

DIAMETERS AND PACKAGES*	
Diameter	50-lb (22.7kg) Carton
3/32" (2.4mm)	S112232-031
1/8" (3.2mm)	S112244-031
5/32" (4.0mm)	S112251-031
3/16" (4.8mm)	S112258-031

Hobart 418 (AWS E7018-1)

The Hobart 418 stick electrode provides low-hydrogen, X-ray quality weld deposits with self-peeling slag, along with good out-of-position welding capabilities. This stick electrode offers excellent arc starts and re-starts, in addition to a smooth, virtually spatter-free arc and a weld puddle that washes into the sidewalls with no undercut. Hobart 418 is designated as a low moisture-absorbing product and can be exposed to higher temperatures and humidity for more than eight hours and still meet AWS requirements.

Applications: Alloy and high carbon castings, boiler and pressure vessels, steel structures, mining equipment, heavy equipment, offshore rigs, power plants, and general fabrication

DIAMETERS AND PACKAGES*	
Diameter	50-lb (22.7kg) Can
3/32" (2.4mm)	S119932-035
1/8" (3.2mm)	S119944-035
5/32" (4.0mm)	S119951-035
3/16" (4.8mm)	S119958-035

>>> HOBART COMPETITIVE COMPARISON CHART

PRODUCT	COMPETITORS			
	ESAB	Lincoln	Select-Arc	National Standard
HOBART Excel-Arc 71	Dual Shield 710X	UltraCore 71A75 Dual	Select 712	
FabCO Hornet	Dual Shield 7100 Ultra	Outershield 71 Elite	Select 727	
FabCO RXR	Dual Shield 700X	Outershield 70	Select 71	
FabCO TR-70	Dual Shield R-70 Ultra	UltraCore 70C	Select 97	
Fabshield 21B	Coreshield 11	Innershield 211-MP	Select 701	
Fabshield XLR-8	Coreshield 8	Innershield 232/233		
Fabshield XLNT-6	Coreshield 6	Innershield NR-305		
FabCor 86R	Coreweld 70	Metalshield MC-6	Select 70C-6	
Hobart 335A	Sureweld SW-14	Fleetweld 35		
Hobart 418	Atom Arc 7018 Atom Arc 7018-1	Excalibur 7018 Excalibur 7018-1		
Quantum Arc 3	Spoolarc 82	L-50		NS-101
Quantum Arc 6	Spoolarc 86	L-56		NS-115

*NOTE: For additional package sizes, call our customer service team at 800-424-1543 or 937-332-5188.



PACKAGING INFORMATION

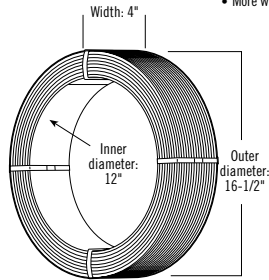
PRODUCT	DIAMETERS AND PACKAGES*			
Excel-Arc 71	Diameter	33-lb (15kg) Spool	60-lb (27.2kg) Coil	
	0.045" (1.2mm)	S247112-029		
	1/16" (1.6mm)	S247119-029	S247119-002	
FabCO Hornet	Diameter	33-lb (15kg) Spool		
	0.045" (1.2mm)	S246212-029		
	1/16" (1.6mm)	S246219-029		
FabCO RXR	Diameter	60-lb (27.2kg) Coil		
	1/16" (1.6mm)	S246519-002		
	3/32" (2.4mm)	S246529-002		
FabCO TR-70	Diameter	60-lb (27.2kg) Coil		
	1/16" (1.6mm)	S247019-002		
	3/32" (2.4mm)	S247029-002		
Fabshield 21B	Diameter	10-lb (4.5kg) Spool	33-lb (15kg) Spool	
	0.045" (1.2mm)	S222112-022	S222112-029	
	1/16" (1.6mm)		S222119-029	
Fabshield XLR-8	Diameter	20-lb (9.1kg) Vacuum Packed Spool	25-lb (11.3kg) Vacuum Packed Spool	
	5/64" (2.0mm)	S225725-082	S225725-053	
	1/16" (1.6mm)	S225719-082	S225719-053	
Fabshield XLNT-6	Diameter	50-lb (22.7kg) Coil	25-lb (11.3kg) Vacuum Packed Spool	
	3/32" (2.4mm)	S225629-014	S225629-H29	
FabCor 86R	Diameter	33-lb (15kg) Spool	60-lb (27.2kg) Coil	750-lb (340.2kg) X-Pak
	0.045" (1.2mm)	S249412-029		
	.052" (1.4mm)			S249415-075
	1/16" (1.6mm)		S249419-002	
Hobart 335A	Diameter	50-lb (22.7kg) Carton		
	3/32" (2.4mm)	S112232-031		
	1/8" (3.2mm)	S112244-031		
	5/32" (4.0mm)	S112251-031		
	3/16" (4.8mm)	S112258-031		
Hobart 418	Diameter	50-lb (22.7kg) Can		
	3/32" (2.4mm)	S119932-035		
	1/8" (3.2mm)	S119944-035		
	5/32" (4.0mm)	S119951-035		
	3/16" (4.8mm)	S119958-035		
Quantum Arc 3	Diameter	45-lb (20.4kg) Wire Basket		
	0.035" (0.9mm)	S307308-045		
	0.045" (1.2mm)	S307312-045		
Quantum Arc 6	Diameter	45-lb (20.4kg) Wire Basket		
	0.035" (0.9mm)	S307608-045		
	0.045" (1.2mm)	S307612-045		

*NOTE: For additional package sizes, call our customer service team at 800-424-1543 or 937-332-5188.

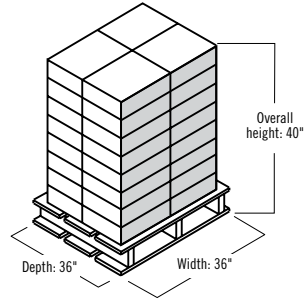
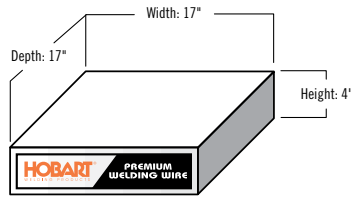
▶▶▶ PALLET & PACKAGING INFORMATION

60-LB. COIL

- No spool to dispose of after wire is consumed
- Uses standard coil adapters
- More wire on coil means fewer changeovers



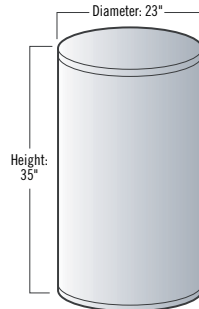
Coil weight (empty): 4 oz.



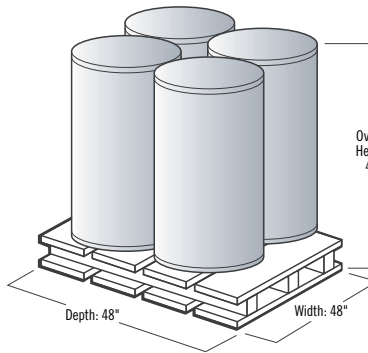
Weight: 1,920 lbs. net; 1,987 lbs. gross (est.)
Stacking sequence: 2 wide, 2 deep, 8 high
Coils per pallet: 32

750-LB. X-PAK™

- Precision straight wire payout for robotic & automatic welding
- Wire wander is essentially eliminated
- Requires cone/bonnet direct pull type (no arm recommended)
- Lazy susan not recommended



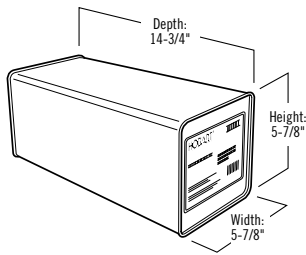
Drum weight (empty): 20 lbs.



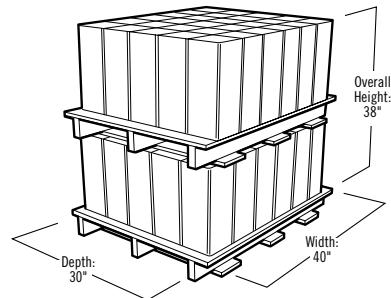
Weight: 3,000 lbs. net;
3,119 lbs. gross (est.)

50-LB. CAN 14" LENGTH

- Hermetically-sealed cans keep electrodes protected and ready for use when opened
- Pull-tab for safe, trouble-free opening
- Two separate pallets for convenient handling

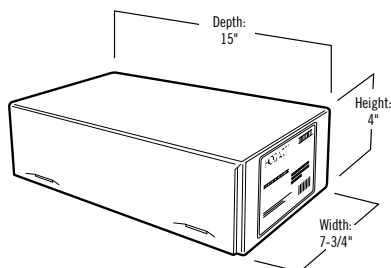


Weight: 3,000 lbs. net; 3,150 lbs. gross
Stacking sequence: 5 wide, 6 deep & 2 high
Cans per pallet: 60 cans

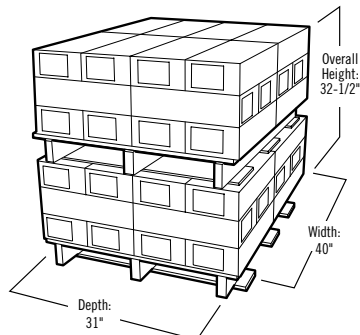


50-LB. CARTON

- Two separate pallets for convenient handling



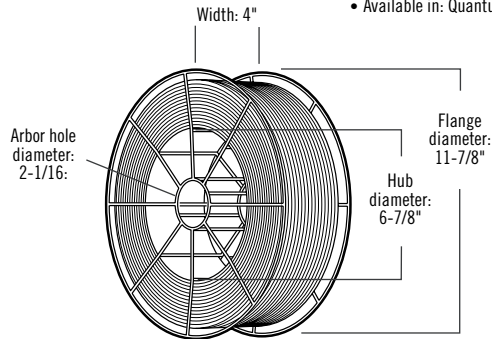
Weight: 3,000 lbs. net; 3,090 lbs. gross
Stacking sequence: 4 wide, 4 deep, 2 high
Cartons per pallet: 48



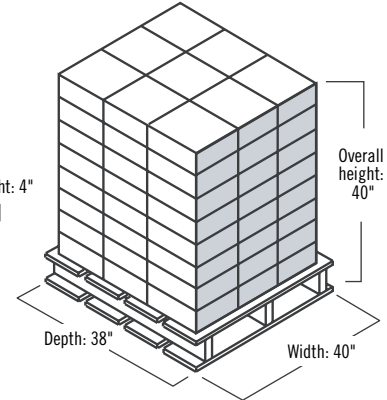
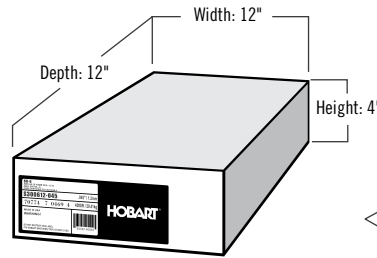
▶▶▶ PALLET & PACKAGING INFORMATION (con'd)

33-LB. & 45-LB STEEL REELS

- Uses standard spool hub – no special adapters required
- Durable – designed to withstand most kinds of everyday wear and tear
- Recyclable – no need to separate from other steel scrap materials
- Available in: Quantum Arc



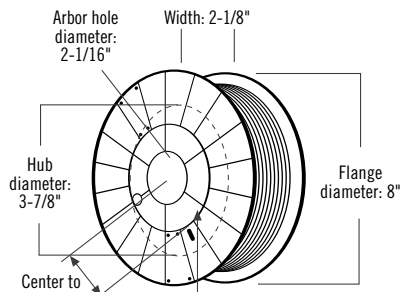
Steel reel weight (empty): 1.1 lbs.



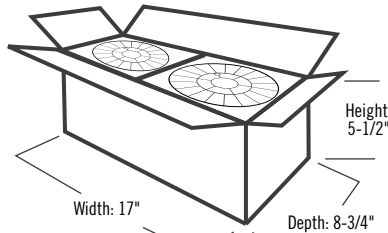
Weight: 33-lb. Steel Reel – 2,376 lbs.
45-lb. Steel Reel – 3,240 lbs.
Stacking sequence: 3 wide, 3 deep, 8 high
Spools per pallet: 72

10-LB. PLASTIC SPOOL

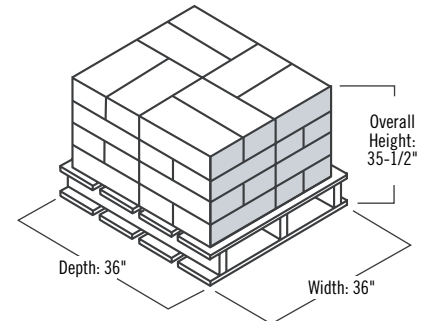
- Individually packed for increased portability and protection



Spool weight (empty): 0.8 lbs.



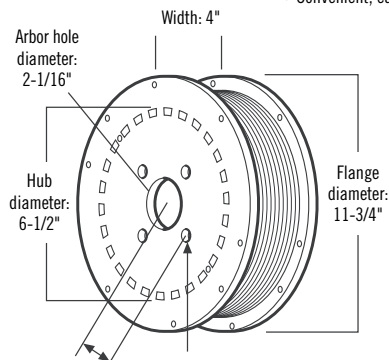
Weight: 40 lbs.
Spools per master carton: 4



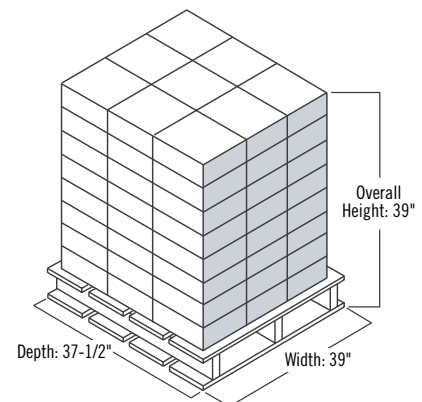
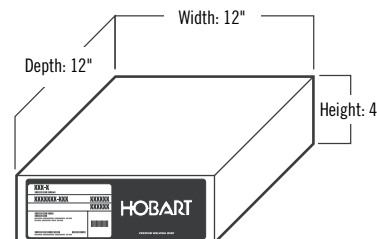
Weight: 1,920 lbs. net; 2,115 lbs. gross
Stacking sequence: 4 wide, 4 deep, 6 high
Master cartons per pallet: 48
Spools per pallet: 192

33-LB. FIBER SPOOL

- Uses standard spool hub – no special adapters required
- Durable – designed to withstand most kinds of everyday wear and tear
- Convenient, easy to change over



Spool weight (empty): 2.6 lbs.



Weight: 2,376 lbs. net; 2,645 lbs. gross (est.)
Stacking sequence: 3 wide, 3 deep, 8 high
Spools per pallet: 72