

# 2022 Material and Equipment Supply Chain Outlook

Most Troublesome Categories During 2021 & 2022



## Structural Steel

Engineered Bar Joists

Lead Time      Price

Expected Trend



Current Lead Time

32 weeks

Expected Change (6-12 months)

Stable      +8-15%



## Roofing

PolyISO Insulation

Lead Time      Price



48-52 weeks

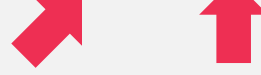
Stable      +5-10%



## HVAC

AHUs/RTUs

Lead Time      Price



35-45 weeks

Up 15%      +15-20%



## Electrical Gear

UL 1558 Switchgear

Lead Time      Price



45-65 weeks

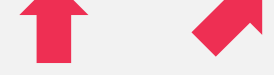
Up 20%      +10-20%



## Plumbing

Pipe & Fittings

Lead Time      Price



35-45 weeks

Up ?      Up ?

Lead times do not include 3-4 months time to get an approved submittal

Cover board lead times – 5-6 months  
XPS & EPS lead times – 4-5 months

Ductile Iron Pipe – 35-45 weeks  
HDPE Pipe – 12-35 weeks

## Categories Affected by War in Ukraine:

### CEMENT/CONCRETE:

- Experiencing cement shortages, especially in the South
- Cement is being allocated in some markets
- PLAN AHEAD – provide subcontractors & ready-mix providers with at least 1 to 2 months of visibility to your needs.
- Very high demand here in the US market
- Current demand cannot be fulfilled through domestic sources
- Importing cement from Europe (Turkey) has become more common
- The cost of energy to run kilns in Turkey has gotten so high that, it cost more for kilns to produce cement than it can be sold for
- Some kilns are shutting down rather than operate at a loss
- This supply restriction coupled with shipping constraints is limited the amount of cement being imported into the US



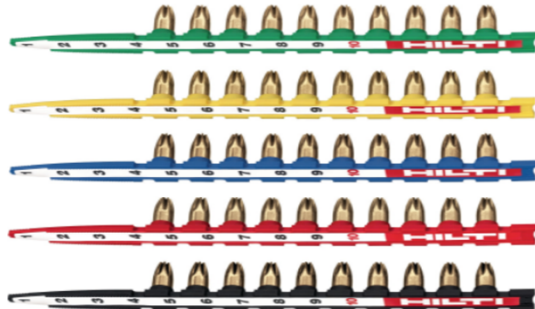
# Categories Affected by War in Ukraine:

## POWDER CHARGES:

- Hilti has notified us of a shortage of casings that are used for driving attachment pins through metal decking and into structural steel
- The casing material is being diverted to ammunition production in support of the War in Ukraine
- Note: This DOES NOT affect smaller charges – like those typically used to drive attachment pins into concrete decks
- Need to plan ahead, be sure that your steel erection subcontractor has these charges and pins on order well in advance of need.

Home / Products / Direct Fastening / Propellants / Cartridges

### 6.8/18 M10 CLEAN-TEC POWDER CARTRIDGES (LONG)



Ultimate ●●●●●

Collated .27 caliber long Clean-Tec cartridges for use with powder-actuated nailers for fastening metal decks

- For use with (tools): DX 750, DX 76, DX 76 PTR
- Cartridge type: .27 caliber long, 6.8/18 M10
- Approvals: CE, CIP, PTB

## Gun for Driving Pins:



## Supply Information from Hilti:

416472-Backordered. Dallas, TX Scheduled to receive 180K On 5/5 and 180K On 5/10. Dayton, NJ scheduled to receive 540K on 5/19.

416473-Backordered. Dallas, TX scheduled to receive 900K on 5/12. Dayton, NJ scheduled to receive 720K on 5/19.

416474-backordered. Dallas, TX scheduled to receive 540K on 5/12. Dayton, NJ scheduled to receive 540K on 5/19.

416475-Backordered. Dallas, TX scheduled to receive 1,620,000 on 5/12. Dayton, NJ scheduled to receive 1,440,000 on 5/19.

2128211- Backordered. Dallas, TX. Order for 3,087,000 from Supplier estimated on 7/7, however this has not shipped at this time. Dayton, NJ has a confirmed shipment scheduled to be received in 4/22. Shipment is for 3,675,000.

2128212-Backordered. Several shipments scheduled for to be received on 4/28 into New jersey.

2128213-Backordered. Dayton, NJ scheduled to receive 294K 5/19.

2128214-Backordered heavily. Several small shipments coming in 4/28 out of Dallas, TX. 4,640,000. Coming in 5/5. 1,760,000 scheduled for 6/03. 5,280,000 scheduled for 6/15. Potential for positive stock in June.

## **Ductile Iron Pipe:**

### **HDPE Pipe:**

6" – 10" HDPE Pipe 22-26 Week

12" – 24" HDPE Pipe 12-16 Weeks

Large then 24" HDPE Pipe 12-35 Weeks

### **Old Castle – RCP & Precast Structures:**

18" – 24" RCP 22 Weeks

Precast Inlets and Manholes 10-12 Weeks

Precast Box Culverts 32-36 Weeks

### **Core & Main – Ductile Iron & PVC Pipe:**

6" & 8" Ductile Iron Pipe 26 Weeks

12" Ductile Iron Pipe 36 Weeks

Ductile Iron Fittings – In stock to 2 months

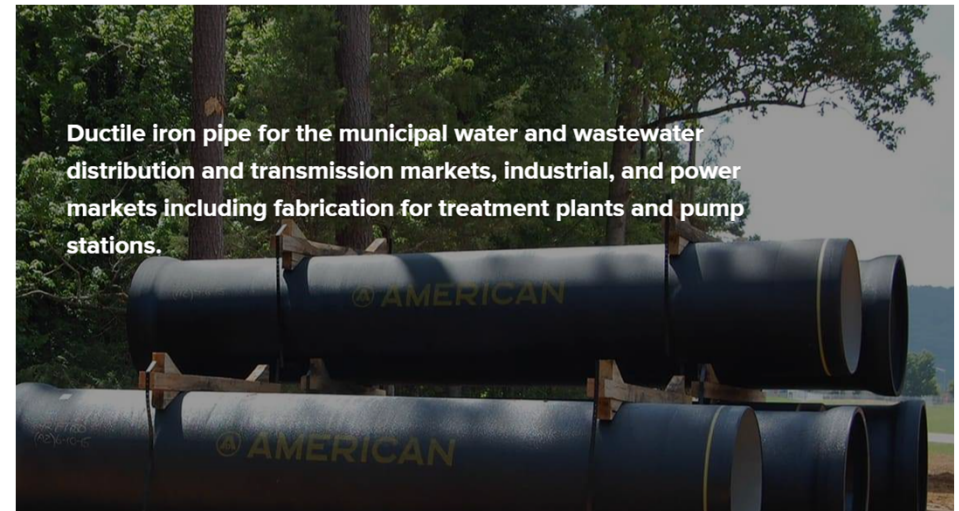
Specialty Ductile Iron Fittings 12-16 Weeks

Fire Hydrants – In Stock to 3 months

Common Sizes PVC Pipe 12-16 Weeks

15" & 18" PVC Pipe 16-26 Weeks

Photo Credit: ACIPCO



Ductile iron pipe for the municipal water and wastewater distribution and transmission markets, industrial, and power markets including fabrication for treatment plants and pump stations.

ACIPCO is quoting 26 to 30 weeks, however their prime competitor, US Pipe, is quoting 11-12 months.