



## Type EWX-PA-UL (high corrugation)



### Product information

The EWX-PA-UL cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The EWX-PA-UL cable protection conduits are characterised by extremely high mechanical strength, but at the same time offering excellent flexibility. With their extremely high angle consistency, the conduits are suitable for use where cables require extreme mechanical protection. A real alternative to expensively installed metal conduits.

Applications:

- Plant engineering
- Mechanical engineering
- Mining
- Vehicle engineering



### Information, conformities and approvals



| Article           | Order No. | Color | UV | metric | PG   | NW    | A Ø mm | B Ø mm | Stat./Dyn. Radius mm | Weight kg/100m | PU m |
|-------------------|-----------|-------|----|--------|------|-------|--------|--------|----------------------|----------------|------|
| EWX-PA-UL-M25/P21 | 83163458  | Black | ✓  | M25    | PG21 | NW 23 | 18.2   | 28.2   | 49/-                 | 11.0           | 50   |
| EWX-PA-UL-M32/P29 | 83163460  | Black | ✓  | M32    | PG29 | NW 29 | 22.6   | 34.5   | 57/-                 | 15.0           | 25   |
| EWX-PA-UL-M40/P36 | 83163462  | Black | ✓  | M40    | PG36 | NW 36 | 28.8   | 42.3   | 71/-                 | 21.0           | 25   |
| EWX-PA-UL-M50/P48 | 83163464  | Black | ✓  | M50    | PG48 | NW 48 | 36.5   | 53.6   | 87/-                 | 29.0           | 25   |

1) No stock goods, delivery time and minimum order quantities upon request

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### Material properties



mod. polyamide PA 6



High angle consistency

>680 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C  
>1500 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



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### Material properties



Flexural fatigue strength

>20000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



Impact strength

4 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength

>210 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

### Thermal properties



Temperature / temperature range

-40 °C - 120 °C / short term: 160 °C

### Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing

### Chemical resistances



Resistant to:

Alcohol  
Mineral oils  
Greases  
Fuels

### Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

### Conformity



ECE 324 R 118



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### Approvals and operating permits



CSA approval



cURus approval

### Classification

ETIM 9: EC001175  
ECLASS 14: 27430305  
UNSPSC 26.0801: 39131601

### General information



Made in Germany