

Einsatzmöglichkeiten von HITRONIC® LWL-Komponenten – Auf einen Blick

| Einsatzkriterien | LAPP Kabel-Kunststoff-LWL (POF) – Programm | | | | | | | | | PCF LWL-Programm | | | | | | | | | | |
|---|--|------------------------------|-------------------------|-----------------------------|-----------------------------------|--|---------------------------------|---------------------------------|------------------------------------|------------------|--|---|-------------------------------|--------------------------------------|--------------------------------------|-------------------------|------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|
| | HITRONIC® POF SIMPLEX PE | HITRONIC® POF SIMPLEX PE-PUR | HITRONIC® POF DUPLEX PE | HITRONIC® POF DUPLEX PE-PUR | HITRONIC® POF DUPLEX HEAVY PE-PUR | HITRONIC® POF SIMPLEX/DUPLEX FD PE-PUR | HITRONIC® POF DUPLEX PNB PA-PUR | HITRONIC® POF DUPLEX PNB PA-PVC | HITRONIC® POF DUPLEX FD PNC PA-PUR | | | | HITRONIC® PCF SIMPLEX Outdoor | HITRONIC® PCF DUPLEX FRNC-PUR Indoor | HITRONIC® PCF DUPLEX FRNC-PE Outdoor | HITRONIC® PCF DUPLEX FD | HITRONIC® PCF DUPLEX PNB PVC-PVC A | HITRONIC® PCF DUPLEX PNB PVC-PVC | HITRONIC® PCF DUPLEX FD PNC PVC-PUR | HITRONIC® PCF DUPLEX FD PNC PVC-PVC |
| Eigenschaften | | | | | | | | | | | | | | | | | | | | |
| Für Innenbereich | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Für Außenbereich | | | | | | | | | | | | | ✓ | | | | | | | |
| Freiluftleitung | | | | | | | | | | | | | | | | | | | | |
| Für Einblasen in kleine Rohrsysteme | | | | | | | | | | | | | | | | | | | | |
| Direkte Erdverlegung | | | | | | | | | | | | | | | | | | | | |
| Armierung | | | | | | | | | | | | | | | | ✓ | | | | |
| Nagetierschutz | | | | | | | | | | | | | | | | | | | | |
| Schwer brennbar (IEC 60332) | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Isolationserhalt bei Brandeinwirkung (IEC 60331-25) | | | | | | | | | | | | | | | | | | | | |
| Wasserdicht | | | | | | | | | | | | | | | | | | | | |
| UV-beständig | ✓ | | ✓ | | | | | | | | | | ✓ | | ✓ | | ✓ | | ✓ | ✓ |
| Schleppkettenfähig | | | | | | ✓ | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Flexibel | | | | | | ✓ | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Torsioneinsatz | | | | | | ✓ | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Trommelbar | | | | | | ✓ | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Halogenfrei | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | | | | | |
| Geringe Rauchgasdichte | ✓ | | ✓ | | | | | | | | | ✓ | ✓ | ✓ | ✓ | | | | | |
| PROFINET konform | | | | | | | ✓ | ✓ | ✓ | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ |

| Einsatzkriterien | GOF LWL-Programm | | | | | | | | | | | | | | | |
|---|------------------|----------------------------------|-------------------------------------|-----------------------------|--|--|--|---|---|---|---|--|---|--|---|---|
| | HITRONIC® FIRE | HITRONIC® TORSION, A/J-V(ZN)H11Y | HITRONIC® HRM-FD, A/J-V(ZN)H(ZN)11Y | HITRONIC® HDM, A/J-V(ZN)11Y | HITRONIC® HQN Outdoor Cable, A-DQ(ZN)B2Y | HITRONIC® HVN Outdoor Cable, A-DQ(ZN)B2Y | HITRONIC® HVN-Mini Outdoor Cable, A-DQ(ZN)2Y | HITRONIC® HQW Armoured Outdoor Cable, A-DQ(ZN)SR)2Y | HITRONIC® HVW Armoured Outdoor Cable, A-DQ(ZN)SR)2Y | HITRONIC® HQW-Plus Armoured Outdoor Cable, A-DQ(ZN)2Y(SR)2Y | HITRONIC® HOA Aerial Cable, A-DQ(ZN)B2Y | HITRONIC® HOA-Plus Aerial Cable, A-DQ2Y(ZN)B2Y | HITRONIC® HUN Universal Cable, A/J-DQ(ZN)BH | HITRONIC® HUW Armoured Outdoor Cable, A/J-DQ(ZN)SR)H | HITRONIC® HRH Breakout Cable, J-V(ZN)HH | HITRONIC® HDH Mini Breakout Cable, J-V(ZN)H |
| Eigenschaften | | | | | | | | | | | | | | | | |
| Für Innenbereich | ✓ | ✓ | ✓ | ✓ | | | | | | | | | ✓ | ✓ | ✓ | ✓ |
| Für Außenbereich | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Freiluftleitung | | | | | | | | | | | | | | | | |
| Für Einblasen in kleine Rohrsysteme | | | | | | | ✓ | | | | | | | | | |
| Direkte Erdverlegung | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Armierung | ✓ | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Nagetierschutz | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Schwer brennbar (IEC 60332) | ✓ | ✓ | ✓ | ✓ | | | | | | | | | ✓ | ✓ | ✓ | ✓ |
| Isolationserhalt bei Brandeinwirkung (IEC 60331-25) | ✓ | | | | | | | | | | | | | | | |
| Wasserdicht | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| UV-beständig | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Schleppkettenfähig | | | | | | | | | | | | | | | | |
| Flexibel | | ✓ | ✓ | ✓ | | | | | | | | | | | | |
| Torsioneinsatz | | ✓ | ✓ | ✓ | | | | | | | | | | | | |
| Trommelbar | | | | ✓ | | | | | | | | | | | | |
| Halogenfrei | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Geringe Rauchgasdichte | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

HINWEIS: Bei den LWL gelten Standardlängen von 100 m und 500 m, andere Längen werden mit einem Zuschlag berechnet.
a. A. = auf Anfrage