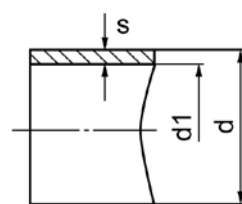


Polyethylen-Rohr (LD-PE)

Tube en polyéthylène (LD-PE)

Polyethylene tube (LD-PE)



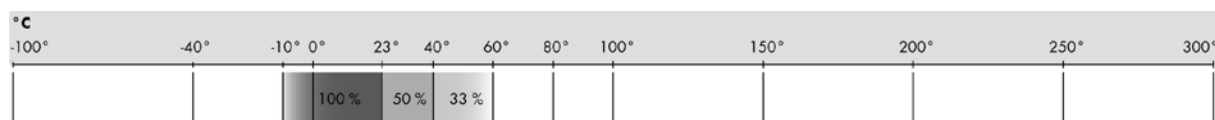
LDPE-ROHRE

Type d / d1 x s (1)	Mat.-Nr.	bar	d	d1	s	Tol. d	B.Radius	kg/100m
LDPE 4/2x1 W, 100m	420.0100.105	21	4.00	2.00	1.00	± 0.20	18	1.180
LDPE 4/2x1 S, 100m	420.0100.205	21	4.00	2.00	1.00	± 0.20	18	1.180
LDPE 5/3x1 W, 100m	420.0150.105	14	5.00	3.00	1.00	± 0.20	20	1.470
LDPE 5/3x1 S, 100m	420.0150.205	14	5.00	3.00	1.00	± 0.20	20	1.470
LDPE 6/4x1 W, 100m	420.0200.105	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 W, 250m	420.0200.115	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 S, 100m	420.0200.205	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 S, 250m	420.0200.215	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 B, 100m	420.0200.305	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 B, 250m	420.0200.315	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 R, 100m	420.0200.405	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 R, 250m	420.0200.415	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 Y, 100m	420.0200.505	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6/4x1 G, 100m	420.0200.605	13	6.00	4.00	1.00	± 0.20	30	1.540
LDPE 6,35/4,35x1 W, 100m	420.0210.105	10	6.35	4.35	1.00	± 0.20	30	2.050
LDPE 8/6x1 W, 100m	420.0300.105	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 8/6x1 S, 100m	420.0300.205	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 8/6x1 B, 100m	420.0300.305	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 8/6x1 R, 100m	420.0300.405	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 8/6x1 Y, 100m	420.0300.505	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 8/6x1 G, 100m	420.0300.605	9	8.00	6.00	1.00	± 0.20	40	2.640
LDPE 9.52/6.52x1.5 W, 100m	420.0315.105	10	9.52	6.52	1.50	± 0.20	40	3.000
LDPE 10/8x1 W, 50m	420.0350.105	7	10.00	8.00	1.00	± 0.20	60	3.230
LDPE 10/8x1 S, 50m	420.0350.205	7	10.00	8.00	1.00	± 0.20	60	3.230
LDPE 10/8x1 B, 50m	420.0350.305	7	10.00	8.00	1.00	± 0.20	60	3.230
LDPE 10/8x1 R, 50m	420.0350.405	7	10.00	8.00	1.00	± 0.20	60	3.230
LDPE 10/7x1.5 W, 50m	420.0355.105	11	10.00	7.00	1.50	± 0.20	40	3.740
LDPE 10/7x1.5 S, 50m	420.0355.205	11	10.00	7.00	1.50	± 0.20	40	3.740
LDPE 12/10x1 W, 50m	420.0400.105	6	12.00	10.00	1.00	± 0.30	80	4.620
LDPE 12/10x1 S, 50m	420.0400.205	6	12.00	10.00	1.00	± 0.30	80	4.620
LDPE 12/9x1.5 W, 50m	420.0405.105	9	12.00	9.00	1.50	± 0.30	65	4.620
LDPE 12/9x1.5 S, 50m	420.0405.205	9	12.00	9.00	1.50	± 0.30	65	4.620
LDPE 16/13x1.5 W, 50m	420.0500.105	6	16.00	13.00	1.50	± 0.20	80	7.000

Druckauswertungsgrad in % des PN

Coefficient de pression en % de PN

Pressure coefficient in % of PN



Fortsetzung nächste Seite

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Continued on next page

bar=Arbeitsdruck bei +23 °C

B.Radius=min. Biegeradius

d=Rohraussen-ø

d1=Rohrinnen-ø

s=Wandstärke

bar=pression de service à +23 °C

B.Radius=rayon de courbure min.

d=ø extérieur du tube

d1=ø intérieur du tube

s=épaisseur de la paroi

bar=operation pressure at +23 °C

B.Radius=min. bending radius

d=tube outside diameter

d1=tube inside diameter

s=wall thickness

Spezifikationen:

Werkstoff: Polyethylen LD (niedrige Dichte)
Temperaturbereich: -10°C bis +60°C (kurzfristig: +80°C)
Brandverhalten: gem. UL 94 HB
Härte: Shore D45
Berstdruck: 3-facher Betriebsdruck
(1) Farben: W = weiss, S = schwarz, B = blau, R = rot, Y = gelb, G = grün
Alle technischen Daten basieren auf den Herstellerangaben.

Spécifications:

Matériau: Polyéthylène LD (basse densité)
Plage de température: -10°C à +60°C (à courte terme: +80°C)
Inflammabilité: selon UL 94 HB
Dureté: Shore D45
Pression d'éclatement: 3 x pression de service
(1) Couleurs: W = blanc, S = noir, B = bleu, R = rouge, Y = jaune, G = vert
Tous les données techniques reposent sur les indications du fabricant.

Specifications:

Material: Polyethylene LD (low density)
Temperature range: -10°C to +60°C (short-term: +80°C)
Flammability: acc. to UL 94 HB
Hardness: Shore D45
Burst pressure: 3 x working pressure
(1) Colours: W = white, S = black, B = blue, R = red, Y = yellow, G = green
All technical data are based on manufacturer's specifications.

Merkmale:

- gute Flexibilität, schlagfest
- Farbe schwarz UV-beständig
- silikonfrei, halogenfrei
- physiologisch unbedenklich
- Beständigkeitsliste siehe Anhang
- Anwendungen: Druckluftleitungen für Regeltechnik, Probenahmeleitungen, flexible Pneumatikleitungen im unteren Druckbereich, Umgebungen mit hohem Feuchtigkeitsgrad

Caractéristiques:

- bonne flexibilité, résistant aux coups
- couleur noire compatible UV
- sans silicone, sans halogène
- physiologiquement sans risques
- liste des résistances chimiques, voir annexe
- utilisations: tuyauteries pour air comprimé en applications de régulations, conduits de prélèvements pour tests, flexibles pneumatiques pour basses pressions, environnements à hygrométrie élevée

Characteristics:

- good flexibility, impact resistant
- colour black UV-resistant
- silicone free, halogen free
- non-toxic
- chemical resistance list see appendix
- applications: compressed air for control technology, sampling lines, flexible pneumatic lines in low pressure range, environments with high humidity