

Heat shrink polyolefin

Description

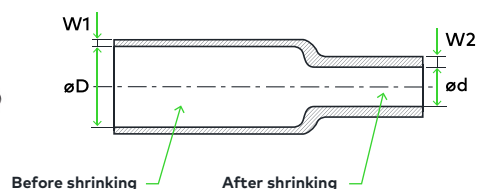
Range of thin-walled heat shrink polyolefins with different sizes, colors, and packaging formats. This product has excellent mechanical and physical properties with a 2:1 shrink ratio. It is highly flexible and flame retardant. When applied, it has the ability to protect against corrosion, ensure good electrical insulation, and improve aesthetics.



Product properties

PROPERTY	STANDARD VALUE	METHOD USED
Service Temperature (°C)	-55°C to +125°C	-
Minimum Shrinkage Temperature	+70°C	-
Tensile Strength (MPa)	≥ 10,4	ASTM-D2671
Elongation (%)	≥ 200	ASTM-D2671
Tensile Strength after Aging (MPa)	≥ 7,3	158°C×168h
Elongation at Break after Aging (%)	≥ 100	158°C×168h
Longitudinal Contraction Ratio (%)	≤ ± 5	ASTM-D2671
Dielectric Strength (kV/mm)	≥ 15	IEC 60243
Volume Resistivity (Ω.cm)	≥ 1 x 10 ¹⁴	IEC 60093
Available Colors (Pantone)	Black (Black C), White, Red (186M), Yellow (1215C), Blue (2925U), Green (3278C), Transparent, Grey (9M), Brown (7517M), Green/Yellow	-
Wall Type	Thin Wall	-
Certification	RoHS	-
Voltage	600 V	-

Heat shrink polyolefin



Product specifications

POLYOLEFIN DIAMETER (mm)	Ø D MIN. BEFORE SHRINKING (mm)	Ø D MAX.AFTER SHRINKING(mm)	W1 MIN. THICKNESS BEF. SHRINKING(mm)	W2 MAX. THICKNESS AFT. SHRINKING (mm)	Ø RECOMMENDED MIN - MAX (mm)
1	1	0,65	0,20±0,05	0,36±0,10	0,75-1,00
1,5	1,5	0,85	0,20±0,05	0,36±0,10	0,95-1,40
2	2	1,00	0,20±0,05	0,45±0,10	1,10-1,80
2,5	2,5	1,30	0,20±0,05	0,45±0,10	1,38-2,20
3	3	1,50	0,23±0,05	0,45±0,10	1,70-2,60
3,5	3,5	1,80	0,23±0,05	0,45±0,10	1,95-2,00
4	4	2,00	0,25±0,05	0,45±0,10	2,20-3,40
4,5	4,5	2,30	0,28±0,05	0,56±0,10	2,50-3,80
5	5	2,50	0,28±0,05	0,56±0,10	2,80-4,20
6	6	3,00	0,28±0,05	0,56±0,10	3,30-5,00
7	7	3,50	0,30±0,05	0,56±0,10	3,90-5,70
8	8	4,00	0,30±0,08	0,56±0,10	4,40-6,50
9	9	4,50	0,30±0,08	0,56±0,10	5,00-7,30
10	10	5,00	0,30±0,08	0,56±0,10	5,50-8,10
12	12	6,00	0,30±0,08	0,56±0,10	6,60-9,70
14	14	7,00	0,35±0,10	0,70±0,10	7,70-11,30
16	16	8,00	0,35±0,10	0,70±0,10	8,80-12,90
18	18	9,00	0,35±0,10	0,70±0,10	9,90-14,80
20	20	10,00	0,40±0,10	0,83±0,10	11,00-16,80
22	22	11,00	0,40±0,12	0,83±0,15	12,10-18,40
25	25	12,50	0,45±0,12	0,90±0,15	13,80-20,40
30	30	15,00	0,45±0,12	1,00±0,15	16,50-24,00
35	35	17,50	0,45±0,12	1,00±0,15	19,30-28,00
40	40	20,00	0,50±0,12	1,00±0,15	22,00-32,00
45	45	22,50	0,50±0,15	1,00±0,20	24,80-36,00
50	50	25,00	0,50±0,15	1,10±0,20	27,50-40,00
60	60	30,00	0,60±0,20	1,30±0,20	33,00-48,00
80	80	40,00	0,60±0,20	1,46±0,20	44,00-64,00
100	100	50,00	0,65±0,20	1,46±0,20	55,00-80,00

Heat shrink polyolefin in reel



Logistic information

CODE

70105XXYYY

XX	COLOR	
11	Black	●
12	White	●
13	Red	●
14	Yellow	●
15	Blue	●
16	Green	●
17	Transparent	●
18	Grey	●
19	Brown	●
20	Green/Yellow	●●

YYY	POLYOLEFIN DIAMETER (mm)
002	1,0
004	1,5
006	2,0
008	2,5
010	3,0
012	3,5
014	4,0
016	4,5
018	5,0
020	6,0
022	7,0
024	8,0
026	9,0
028	10,0
030	12,0
032	14,0
034	16,0
036	18,0
038	20,0
040	22,0
042	25,0
044	30,0
046	35,0
048	40,0
050	45,0
052	50,0
054	60,0
056	80,0
058	100,0

Product packaging



Reel



Outer box

Heat shrink polyolefin in reel

Logistic information

POLYOLEFIN DIAMETER (mm)	REEL			OUTER BOX			MOC (m)
	QUANTITY (m)	DIMENSIONS (mm)	WEIGHT (kg)	QUANTITY (m)	DIMENSIONS (mm)	WEIGHT PER (kg)	
1,0	200	300x300	0,38	3200	310x310x445	6,06	200
1,5	200	450x450	0,49	2400	460x460x445	5,90	200
2,0	200	450x450	0,62	3000	460x460x445	9,32	200
2,5	200	450x450	0,73	2600	460x460x445	9,49	200
3,0	200	450x450	0,85	2200	460x460x445	9,30	200
3,5	200	450x450	0,97	1800	460x460x445	8,72	200
4,0	200	450x450	1,20	1400	460x460x445	8,42	200
4,5	100	450x450	0,76	1000	460x460x445	7,64	100
5,0	100	450x450	0,84	900	460x460x445	7,54	100
6,0	100	450x450	1,00	700	460x460x445	7,00	100
7,0	100	450x450	1,09	1400	460x460x310	15,19	100
8,0	100	450x450	1,22	1300	460x460x310	15,81	100
9,0	100	450x450	1,35	1200	460x460x310	16,17	100
10,0	100	450x450	1,48	1100	460x460x310	16,29	100
12,0	100	450x450	1,74	1000	460x460x310	17,39	100
14,0	100	450x450	2,31	900	460x460x310	20,82	100
16,0	100	450x450	2,62	800	460x460x310	20,96	100
18,0	100	450x450	2,97	700	460x460x295	20,82	100
20,0	100	450x450	3,90	600	460x460x295	23,41	100
22,0	100	450x450	4,23	600	460x460x295	25,37	100
25,0	50	450x450	2,68	300	460x460x310	16,05	50
30,0	50	450x450	3,24	250	460x460x295	16,18	50
35,0	50	450x450	3,77	200	460x460x310	15,08	50
40,0	50	450x450	4,66	200	460x460x295	18,65	50
45,0	25	450x450	2,70	125	460x460x310	13,50	25
50,0	25	300x300	2,98	125	310x310x405	14,90	25
60,0	25	300x300	3,89	100	310x310x435	15,55	25
80,0	25	300x300	5,14	75	310x310x370	15,41	25
100,0	25	300x300	7,04	50	310x310x320	14,07	25

Heat shrink polyolefin in tube



Logistic information

CODE

70105XXYYY

XX	COLOR
21	Black
22	White
23	Red
24	Yellow
25	Blue
26	Green
27	Transparent
28	Grey
29	Brown
30	Green/Yellow

YYY	POLYOLEFIN DIAMETER (mm)
002	1,0
004	1,5
006	2,0
008	2,5
010	3,0
012	3,5
014	4,0
016	4,5
018	5,0
020	6,0
022	7,0
024	8,0
026	9,0
028	10,0
030	12,0
032	14,0
034	16,0
036	18,0
038	20,0
040	22,0
042	25,0
044	30,0
046	35,0
048	40,0
050	45,0
052	50,0
054	60,0
056	80,0
058	100,0

Product packaging



Bag



Outer box

Heat shrink polyolefin in tube

Logistic information

POLYOLEFIN DIAMETER (mm)	BAG		OUTER BOX			MOC (m)
	QUANTITY (m)	WEIGHT (kg)	QUANTITY (un)	DIMENSIONS (mm)	WEIGHT PER (kg)	
1,0	100	0,18	4000	1050x200x160	7,20	100
1,5	100	0,29	3000	1050x200x160	8,70	100
2,0	100	0,42	2500	1050x200x160	10,40	100
2,5	100	0,32	2000	1050x200x160	6,30	100
3,0	100	0,38	1500	1050x200x160	5,70	100
3,5	100	0,48	1200	1050x200x160	5,70	100
4,0	100	0,58	1000	1050x200x160	5,80	100
4,5	100	0,81	800	1050x200x160	6,50	100
5,0	50	0,44	600	1050x200x160	5,30	50
6,0	50	0,47	500	1050x200x160	4,70	50
7,0	50	0,52	1000	1050x200x160	10,30	50
8,0	50	0,79	800	1050x200x160	12,60	50
9,0	50	0,73	700	1050x200x160	10,20	50
10,0	50	0,76	700	1050x200x160	10,70	50
12,0	50	0,98	600	1050x200x160	11,70	50
14,0	50	1,24	500	1050x200x160	12,40	50
16,0	50	1,58	500	1050x200x160	15,80	50
18,0	25	1,07	400	1050x200x160	17,10	25
20,0	25	0,74	400	1050x200x160	11,90	25
22,0	25	1,13	300	1050x200x160	13,50	25
25,0	25	1,25	250	1050x200x160	12,50	25
30,0	10	0,88	200	1050x200x160	17,60	10
35,0	10	0,88	200	1050x200x160	17,60	10
40,0	10	0,63	150	1050x200x160	9,50	10
45,0	10	0,71	150	1050x200x160	10,70	10
50,0	10	1,19	100	1050x200x160	11,90	10
60,0	10	0,83	100	1050x200x160	8,30	10
80,0	10	1,85	60	1050x200x160	11,10	10
100,0	5	1,26	50	1050x200x160	12,60	5

Heat shrink polyolefin in box



Logistic information

CODE

70105XXYYY

XX	COLOR
31	Black
32	White
33	Red
34	Yellow
35	Blue
36	Green
37	Transparent
38	Grey
39	Brown
40	Green/Yellow

YYY	POLYOLEFIN DIAMETER (mm)
002	Box. 20m - 1,0
004	Box. - 20m - 1,5
006	Box. - 15m - 2,0
008	Box. - 15m - 3,0
010	Box. - 12m - 4,5
012	Box. - 12m - 6,0
014	Box. - 8m - 9,0
016	Box. - 8m - 12,0
018	Box. - 8m - 16,0
020	Box. - 5m - 18,0
022	Box. - 5m - 25,0

Product packaging



Box



Outer box

Heat shrink polyolefin in box

Logistic information

POLYOLEFIN DIAMETER (mm)	BOX			OUTER BOX			MOC (un)
	QUANTITY (m)	DIMENSIONS (mm)	WEIGHT (kg)	QUANTITY (un)	DIMENSIONS (mm)	WEIGHTPER (kg)	
1,0	20	145x145x52	0,04	50	460x460x310	1,80	1
1,5	20	145x145x52	0,06	50	460x460x310	2,90	1
2,0	15	145x145x52	0,06	50	460x460x310	3,12	1
3,0	15	145x145x52	0,06	50	460x460x310	2,85	1
4,5	12	145x145x52	0,10	50	460x460x310	4,88	1
6,0	12	145x145x52	0,11	50	460x460x310	5,64	1
9,0	8	145x145x52	0,12	50	460x460x310	5,83	1
12,0	8	145x145x52	0,16	50	460x460x310	7,80	1
16,0	8	145x145x52	0,25	50	460x460x310	12,64	1
18,0	5	145x145x52	0,34	50	460x460x310	17,10	1
25,0	5	145x145x52	0,40	50	460x460x310	25,00	1