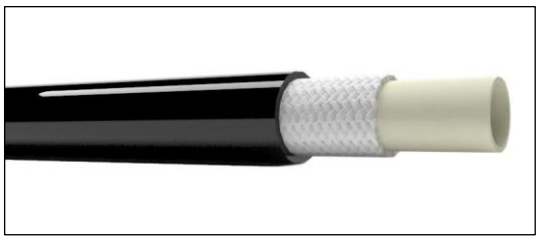
Thermoplastic hoses (for greases)



GR 7

High-pressure thermoplastic hose to DIN 1283 (selected items)

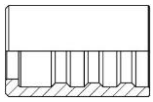
Layer inner.: polyester (PE) or polyamide (PA)
Reinforcement: single polyester braid
Outer layer: polyurethane (PU)
Temp. working: from -40°C to +80°C
(for water-based fluids to +70°C)

Light, flexible hose intended for high-pressure grease systems. Holds MSHA certification.
Standard: DIN 1283 (hoses marked*).
Assembly: Contact Tubes International.

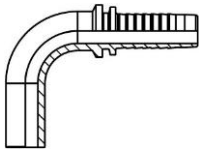
index	layer inner. / outer	inner diameter [mm]	outer diameter [mm]	pressure working [bar]	burst pressure [bar]	bending radius [mm]	weight [kg / 100 m]
ZC-GR7-11200	PE / PU	3,5	7,5	200	800	25	3,70
ZC-GR7-84000	PE / PU	4	8,0	200	800	30	4,50
ZC-GR7-71200	PE / PU	4	8,6	280	840	20	4,60
ZC-GR7-PA712	PA / PU	4	8,6	280	840	20	4,60
ZC-GR7-94000*	PE / PU	4	9,1	250	900	40	6,00
ZC-GR7-10412*	PE / PU	4	10,0	400	900	35	7,50
ZC-GR7-20000	PE / PU	4,8	9,2	200	800	30	5,90
ZC-GR7-PA312	PA / PU	6,3	11,3	280	840	20	8,40

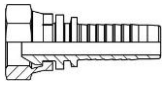
Fittings for GR 7 thermoplastic hoses (for greases)

Fittings for GR 7 thermoplastic hoses made of zinc-plated carbon steel. For hoses in sizes 1/8" and 5/32" use ZC-Z% ends as below. For hoses in sizes 3/16" and 1/4" use TI-Z% ends from the standard Tubes International product range.

drawing	description	diameter inner. hose [inch]	hose size [mm]	index
	ferrule for GR 7 thermoplastic hoses	1/8”	3,5 x 7,5	ZC-BP5-02
		5/32”	4,0 x 8,0	ZC-BP5-025
			4,0 x 8,6	ZC-BPMT1-02
		3/16”	4,8 x 9,2	ZC-BP5-03
		1/4"	6,3 x 11,3	ZC-BP7-04

drawing	description	diameter inner. hose [inch]	tube diameter [mm] (DIN 2353 version)	index
	tube end for GR 7 thermoplastic hoses	1/8”	4 (LL version)	ZC-ZMR111-04-02
			6 (L/S version)	ZC-ZMR112-06-02
		5/32”	4 (LL version)	ZC-ZMR111-04-025
			6 (L/S version)	ZC-ZMR112-06-025
			8 (L version)	ZC-ZMR111-08-025

drawing	description	diameter inner. hose [inch]	tube diameter [mm] (DIN 2353 version)	index
	90° angled tube end for GR 7 thermoplastic hoses	5/32”	4 (LL version)	ZC-ZMR211-04-025
			6 (L/S version)	ZC-ZMR212-06-025

drawing	description	diameter inner. hose [inch]	BSP thread size [inch]	index
	end with male BSP thread (60° cone) for GR 7 thermoplastic hoses	1/8”	1/8” - 28	ZC-ZBW110-02-02
			1/4” - 19	ZC-ZBW110-04-02
		5/32”	1/8” - 28	ZC-ZBW110-02-025
			1/4” - 19	ZC-ZBW110-04-025