

PRENASPIRE International

290 Chemin de Quintigny - 39210 ST GERMAIN-LES-ARLAY - France

Tel : +33 (0)3 84 44 03 00

TVA/VAT : FR71 482 444 296 - APE : 4690Z

SIRET : 48244429600016

sales@prenaspire.com



HIGH QUALITY PROTECTION - PLASTIC SPIRAL GUARDS & SPRINGS
www.prenaspire.com

GAINE SPIRALÉE / SPIRAL GUARD

(standard G-series)

FICHE TECHNIQUE - TECHNICAL INFORMATION 2025



CONDITIONNEMENT PACKING DETAIL

REF	$\varnothing_{int}$ $\Delta \pm 7\%$		Ø Usage	Largeur réelle Actual band width	Epaisseur réelle Actual wall thickness	Coupe standard Standard Cut	Taille du carton Box size	Poids Weight
G81-6	6 mm	0.24 in	(8-9 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	3,8 kg
G81-8	8 mm	0.31 in	(8-9 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	4,8 kg
G81-9	9 mm	0.35 in	(9-10 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	5,4 kg
G81-10	10 mm	0.39 in	(10-11 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	6 kg
G81-11	11 mm	0.43 in	(11-12 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	6,2 kg
G81-12	12 mm	0.47 in	(12-14 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	6,5 kg
G81-13	13 mm	0.51 in	(13-15 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	6,7 kg
G81-14	14 mm	0.55 in	(14-16 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	8 kg
G81-15	15 mm	0.59 in	(15-18 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	10 kg
G81-16	16 mm	0.63 in	(16-18 mm)	8,5 mm	1,2 mm	100 m	48x33x30cm	12 kg
G81-18	18 mm	0.71 in	(18-20 mm)	8,5 mm	1,2 mm	100 m	60x50x40cm	14 kg
G81-20	20 mm	0.79 in	(20-22 mm)	8,5 mm	1,2 mm	100 m	60x50x40cm	16 kg
G161-13	13 mm	0.51 in	(13-15 mm)	17 mm	1,3 mm	150 m	60x50x40cm	12 kg
G161-14	14 mm	0.55 in	(14-16 mm)	17 mm	1,3 mm	150 m	60x50x40cm	14 kg
G161-15	15 mm	0.59 in	(15-17 mm)	17 mm	1,3 mm	150 m	60x50x40cm	15 kg
G161-16	16 mm	0.63 in	(16-18 mm)	17 mm	1,3 mm	150 m	60x50x40cm	16 kg
G161-18	18 mm	0.71 in	(18-20 mm)	17 mm	1,3 mm	100 m	60x50x40cm	12 kg
G161-20	20 mm	0.79 in	(20-22 mm)	16,5 mm	1,7 mm	100 m	60x50x40cm	14 kg
G161-22	22 mm	0.87 in	(22-26 mm)	16,5 mm	1,7 mm	100 m	60x50x40cm	15 kg
G161-25	25 mm	0.98 in	(25-28 mm)	18,8 mm	2,1 mm	50 m	60x50x40cm	11 kg
G161-28	28 mm	1.10 in	(28-30 mm)	18,8 mm	2,1 mm	50 m	60x50x40cm	13 kg
G161-30	30 mm	1.18 in	(30-33 mm)	18,8 mm	2,1 mm	50 m	60x50x40cm	16 kg
G161-33	33 mm	1.30 in	(33-35 mm)	18,8 mm	2,1 mm	50 m	60x50x40cm	16 kg
G161-35	35 mm	1.38 in	(35-38 mm)	18,8 mm	2,1 mm	40 m	60x50x40cm	19 kg
G161-38	38 mm	1.50 in	(38-42 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	12 kg
G161-40	40 mm	1.57 in	(40-42 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	13 kg
G161-42	42 mm	1.65 in	(42-45 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	14 kg
G161-45	45 mm	1.77 in	(45-48 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	15 kg
G161-48	48 mm	1.89 in	(48-52 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	16 kg
G161-50	50 mm	1.97 in	(50-55 mm)	18,8 mm	2,1 mm	30 m	60x50x40cm	17 kg
G162-16	16 mm	0.63 in	(16-18 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	11 kg
G162-18	18 mm	0.71 in	(18-20 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	12 kg
G162-20	20 mm	0.79 in	(20-22 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	13 kg
G162-22	22 mm	0.87 in	(22-26 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	14 kg
G162-25	25 mm	0.98 in	(25-28 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	16 kg
G162-28	28 mm	1.10 in	(28-30 mm)	18,6 mm	2,8 mm	50 m	60x50x40cm	16,5 kg
G162-30	30 mm	1.18 in	(30-33 mm)	16,6 mm	2,8 mm	50 m	60x50x40cm	17 kg
G162-33	33 mm	1.30 in	(33-35 mm)	16,6 mm	2,8 mm	50 m	60x50x40cm	19,5 kg
G162-35	35 mm	1.38 in	(35-38 mm)	16,6 mm	2,8 mm	50 m	60x60x50cm	21 kg
G162-38	38 mm	1.50 in	(38-40 mm)	16,6 mm	2,8 mm	50 m	60x60x50cm	23 kg
G162-40	40 mm	1.57 in	(40-42 mm)	18,6 mm	2,8 mm	30 m	60x50x40cm	14 kg
G162-42	42 mm	1.65 in	(42-45 mm)	20,2 mm	3,4 mm	25 m	60x50x40cm	11,5 kg
G162-45	45 mm	1.77 in	(45-48 mm)	20,2 mm	3,4 mm	20 m	60x50x40cm	12 kg
G162-48	48 mm	1.89 in	(48-52 mm)	20,2 mm	3,4 mm	20 m	60x50x40cm	13,5 kg
G162-50	50 mm	1.97 in	(50-55 mm)	20,2 mm	3,4 mm	20 m	60x50x40cm	15 kg
G162-55	55 mm	2.17 in	(55-60 mm)	20,2 mm	3,4 mm	20 m	60x60x50cm	16 kg
G162-60	60 mm	2.36 in	(60-65 mm)	20,2 mm	3,4 mm	20 m	60x60x50cm	17 kg
G162-65	65 mm	2.56 in	(65-75 mm)	20,2 mm	3,4 mm	20 m	60x60x50cm	18 kg
G162-70	70 mm	2.76 in	(70-80 mm)	20,2 mm	3,4 mm	20 m	60x60x50cm	20 kg
G162-75	75 mm	2.95 in	(75-85 mm)	20,2 mm	3,4 mm	20 m	60x60x50cm	21 kg
G162-80	80 mm	3.15 in	(80-90 mm)	20,2 mm	3,4 mm	15 m	60x60x50cm	17 kg

G162-90	90 mm	3.54 in	(90-100 mm)	20,2 mm	3,4 mm	15 m	60x60x50cm	18 kg
G133-20	20 mm	0.79 in	(20-22 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	12 kg
G133-22	22 mm	0.87 in	(22-26 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	13 kg
G133-25	25 mm	0.98 in	(25-28 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	15 kg
G133-28	28 mm	1.10 in	(28-30 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	16 kg
G133-30	30 mm	1.18 in	(30-33 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	17 kg
G133-33	33 mm	1.30 in	(33-35 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	18 kg
G133-35	35 mm	1.38 in	(35-38 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	19 kg
G133-38	38 mm	1.50 in	(38-40 mm)	13,5 mm	3,2 mm	50 m	60x50x40cm	20 kg
G133-40	40 mm	1.57 in	(40-42 mm)	13,5 mm	3,2 mm	30 m	60x50x40cm	14,4 kg
G133-42	42 mm	1.65 in	(42-45 mm)	13,5 mm	3,2 mm	30 m	60x50x40cm	NC
G133-45	45 mm	1.77 in	(45-48 mm)	13,5 mm	3,2 mm	25 m	60x50x40cm	NC
G133-48	48 mm	1.89 in	(48-52 mm)	13,5 mm	3,2 mm	20 m	60x50x40cm	NC
G133-50	50 mm	1.97 in	(50-55 mm)	13,5 mm	3,2 mm	20 m	60x50x40cm	11,6 kg
G133-55	55 mm	2.17 in	(55-65 mm)	13,5 mm	3,2 mm	20 m	60x60x50cm	NC
G133-60	60 mm	2.36 in	(60-75 mm)	13,5 mm	3,2 mm	20 m	60x60x50cm	NC
G253-40	40 mm	1.57 in	(40-42 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	15 kg
G253-42	42 mm	1.65 in	(42-45 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	16 kg
G253-45	45 mm	1.77 in	(45-48 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	17 kg
G253-48	48 mm	1.89 in	(48-50 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	18 kg
G253-50	50 mm	1.97 in	(55-55 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	18 kg
G253-55	55 mm	2.17 in	(55-65 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	20 kg
G253-60	60 mm	2.36 in	(60-75 mm)	26,8 mm	3,6 mm	20 m	60x50x40cm	22 kg
G253-65	65 mm	2.56 in	(65-80 mm)	26,8 mm	3,6 mm	20 m	60x60x50cm	23,5 kg
G253-70	70 mm	2.76 in	(70-85 mm)	26,8 mm	3,6 mm	20 m	60x60x50cm	25 kg
G253-75	75 mm	2.95 in	(75-87 mm)	26,8 mm	3,6 mm	10 m	60x60x50cm	15 kg
G253-80	80 mm	3.15 in	(80-90 mm)	26,8 mm	3,6 mm	10 m	60x60x50cm	16,5 kg
G253-90	90 mm	3.54 in	(90-100 mm)	26,8 mm	3,6 mm	10 m	60x60x50cm	17 kg
G253-100	100 mm	3.94 in	(100-130 mm)	26,8 mm	3,6 mm	10 m	60x60x50cm	19 kg
G253-110	110 mm	4.33 in	(110-140 mm)	26,8 mm	3,6 mm	5 m	60x60x50cm	11 kg
G253-125	125 mm	4.92 in	(125-150 mm)	26,8 mm	3,6 mm	5 m	60x60x50cm	12 kg
G253-140	140 mm	5.51 in	(140-160 mm)	26,8 mm	3,6 mm	5 m	60x60x50cm	13 kg
G253-150	150 mm	5.91 in	(150-170 mm)	26,8 mm	3,6 mm	5 m	60x60x50cm	15 kg
G353-60	60 mm	2.36 in	(60-65 mm)	43 mm	4 mm	20 m	60x50x40cm	24 kg
G353-65	65 mm	2.56 in	(65-70 mm)	43 mm	4 mm	15 m	60x60x50cm	18 kg
G353-70	70 mm	2.76 in	(70-75 mm)	43 mm	4 mm	15 m	60x60x50cm	20 kg
G353-75	75 mm	2.95 in	(75-85 mm)	43 mm	4 mm	10 m	60x60x50cm	16 kg
G353-80	80 mm	3.15 in	(80-100 mm)	43 mm	4 mm	10 m	60x60x50cm	17 kg
G353-90	90 mm	3.54 in	(90-110 mm)	43 mm	4 mm	10 m	60x60x50cm	20 kg
G353-100	100 mm	3.94 in	(100-125 mm)	43 mm	4 mm	10 m	60x60x50cm	10 kg
G353-110	110 mm	4.33 in	(110-130 mm)	43 mm	4 mm	5 m	60x60x50cm	11,5 kg
G353-125	125 mm	4.92 in	(125-150 mm)	43 mm	4 mm	5 m	60x60x50cm	13 kg
G353-140	140 mm	5.51 in	(140-160 mm)	43 mm	4 mm	5 m	60x60x50cm	14 kg
G353-150	150 mm	5.91 in	(150-170 mm)	43 mm	4 mm	5 m	60x60x50cm	14,3 kg
G353-160	160 mm	6.30 in	(160-190 mm)	43 mm	4 mm	5 m	60x60x50cm	14,5 kg
G353-190	190 mm	7.48 in	(190-210 mm)	43 mm	4 mm	5 m	60x60x50cm	15 kg
G204-40	40 mm	1.57 in	(40-48 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	18 kg
G204-42	42 mm	1.65 in	(42-50 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	20 kg
G204-45	45 mm	1.77 in	(45-52 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	22 kg
G204-48	48 mm	1.89 in	(48-54 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	24 kg
G204-50	50 mm	1.97 in	(50-55 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	26 kg
G204-55	55 mm	2.17 in	(55-65 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	28 kg
G204-60	60 mm	2.36 in	(60-75 mm)	20,5 mm	5,5 mm	20 m	60x50x40cm	36 kg
G204-65	65 mm	2.56 in	(65-80 mm)	20,5 mm	5,5 mm	20 m	60x60x50cm	38 kg
G204-70	70 mm	2.76 in	(70-85 mm)	20,5 mm	5,5 mm	10 m	60x60x50cm	20 kg
G204-75	75 mm	2.95 in	(75-90 mm)	20,5 mm	5,5 mm	10 m	60x60x50cm	21 kg
G204-80	80 mm	3.15 in	(80-100 mm)	20,5 mm	5,5 mm	10 m	60x60x50cm	23 kg
G204-90	90 mm	3.54 in	(90-110 mm)	20,5 mm	5,5 mm	10 m	60x60x50cm	25 kg
G204-100	100 mm	3.94 in	(100-120 mm)	20,5 mm	5,5 mm	10 m	60x60x50cm	29 kg
G304-40	40 mm	1.57 in	(40-48 mm)	31 mm	5,2 mm	20 m	60x50x40cm	15 kg
G304-42	42 mm	1.65 in	(42-49 mm)	31 mm	5,2 mm	20 m	60x50x40cm	16 kg
G304-45	45 mm	1.77 in	(45-50 mm)	31 mm	5,2 mm	15 m	60x50x40cm	12 kg
G304-48	48 mm	1.89 in	(48-52 mm)	31 mm	5,2 mm	15 m	60x50x40cm	12 kg
G304-50	50 mm	1.97 in	(50-55 mm)	31 mm	5,2 mm	15 m	60x50x40cm	12 kg
G304-55	55 mm	2.17 in	(55-65 mm)	31 mm	5,2 mm	15 m	60x50x40cm	13,5 kg
G304-60	60 mm	2.36 in	(60-75 mm)	31 mm	5,2 mm	15 m	60x50x40cm	15 kg
G304-65	65 mm	2.56 in	(65-80 mm)	31 mm	5,2 mm	15 m	60x60x50cm	15 kg
G304-70	70 mm	2.76 in	(70-82 mm)	31 mm	5,2 mm	15 m	60x60x50cm	14 kg
G304-75	75 mm	2.95 in	(75-86 mm)	31 mm	5,2 mm	10 m	60x60x50cm	15 kg
G304-80	80 mm	3.15 in	(80-90 mm)	31 mm	5,2 mm	10 m	60x60x50cm	17 kg
G304-90	90 mm	3.54 in	(90-100 mm)	31 mm	5,2 mm	10 m	60x60x50cm	21 kg
G304-100	100 mm	3.94 in	(100-125 mm)	31 mm	5,2 mm	5 m	60x60x50cm	11 kg
G304-110	110 mm	4.33 in	(110-130 mm)	31 mm	5,2 mm	5 m	60x60x50cm	14 kg
G304-125	125 mm	4.92 in	(125-140 mm)	31 mm	5,2 mm	5 m	60x60x50cm	16 kg
G304-140	140 mm	5.51 in	(140-160 mm)	31 mm	5,2 mm	5 m	60x60x50cm	18 kg
G404-50	50 mm	1.97 in	(50-55 mm)	42 mm	5 mm		60x60x50cm	
G404-55	55 mm	2.17 in	(55-65 mm)	42 mm	5 mm		60x60x50cm	

G404-60	60 mm	2.36 in	(60-75 mm)	42 mm	5 mm		60x60x50cm	
G404-65	65 mm	2.56 in	(65-80 mm)	42 mm	5 mm		60x60x50cm	
G404-70	70 mm	2.76 in	(70-82 mm)	42 mm	5 mm		60x60x50cm	
G404-75	75 mm	2.95 in	(75-86 mm)	42 mm	5 mm		60x60x50cm	
G404-80	80 mm	3.15 in	(80-90 mm)	42 mm	5 mm		60x60x50cm	
G404-90	90 mm	3.54 in	(90-100 mm)	42 mm	5 mm		60x60x50cm	
G404-100	100 mm	3.94 in	(100-125 mm)	42 mm	5 mm		60x60x50cm	
G404-110	110 mm	4.33 in	(110-130 mm)	42 mm	5 mm		60x60x50cm	
G404-125	125 mm	4.92 in	(125-140 mm)	42 mm	5 mm		60x60x50cm	
G404-140	140 mm	5.51 in	(140-160 mm)	42 mm	5 mm		60x60x50cm	
G404-150	150 mm	5.91 in	(150-170 mm)	42 mm	5 mm		60x60x50cm	
G404-160	160 mm	6.30 in	(160-190 mm)	42 mm	5 mm		60x60x50cm	
G404-175	190 mm	7.48 in	(190-210 mm)	42 mm	5 mm		60x60x50cm	
G404-180	210 mm	8.27 in	(210-225 mm)	42 mm	5 mm		60x60x50cm	
G255-70	70 mm	2.76 in	(70-75 mm)	30 mm	7 mm	10 m	60x60x50cm	22 kg
G255-75	75 mm	2.95 in	(75-80 mm)	30 mm	7 mm	10 m	60x60x50cm	24 kg
G255-80	80 mm	3.15 in	(80-90 mm)	30 mm	7 mm	10 m	60x60x50cm	25 kg
G255-90	90 mm	3.54 in	(90-100 mm)	30 mm	7 mm	5 m	60x60x50cm	15 kg
G255-100	100 mm	3.94 in	(100-110 mm)	30 mm	7 mm	5 m	60x60x50cm	18 kg
G255-110	110 mm	4.33 in	(110-125 mm)	30 mm	7 mm	5 m	60x60x50cm	20 kg
G255-125	125 mm	4.92 in	(125-140 mm)	30 mm	7 mm	5 m	60x60x50cm	21 kg
G255-140	140 mm	5.51 in	(140-160 mm)	30 mm	7 mm	5 m	60x60x50cm	22 kg
G255-150	150 mm	5.91 in	(150-170 mm)	30 mm	7 mm	5 m	60x60x50cm	22,5 kg
G255-160	160 mm	6.30 in	(160-190 mm)	30 mm	7 mm	5 m	60x60x50cm	23 kg
G255-190	190 mm	7.48 in	(190-210 mm)	30 mm	7 mm	5 m	60x60x50cm	24 kg
G255-210	210 mm	8.27 in	(210-225 mm)	30 mm	7 mm	5 m	60x60x50cm	25 kg
G456-90	90 mm	3.54 in	(90-100 mm)	45 mm	8 mm	5 m	60x60x50cm	17 kg
G456-100	100 mm	3.94 in	(100-110 mm)	45 mm	8 mm	5 m	60x60x50cm	18 kg
G456-110	110 mm	4.33 in	(110-130 mm)	45 mm	8 mm	5 m	60x60x50cm	20 kg
G456-125	125 mm	4.92 in	(125-140 mm)	45 mm	8 mm	5 m	60x60x50cm	23 kg
G456-140	140 mm	5.51 in	(140-160 mm)	45 mm	8 mm	5 m	60x60x50cm	25 kg
G456-150	150 mm	5.91 in	(150-170 mm)	45 mm	8 mm	5 m	60x60x50cm	27 kg
G456-160	160 mm	6.30 in	(160-190 mm)	45 mm	8 mm	5 m	60x60x50cm	30 kg
G456-190	190 mm	7.48 in	(190-210 mm)	45 mm	8 mm	5 m	60x60x50cm	36 kg
G456-210	210 mm	8.27 in	(210-225 mm)	45 mm	8 mm	5 m	60x60x50cm	39 kg
G4810-210	210 mm	8.27 in	(210-230 mm)	48 mm	10,8 mm	3 m	60x60x50cm	25,5 kg
G4810-230	230 mm	9.06 in	(230-250 mm)	48 mm	10,8 mm	3 m	60x60x50cm	27,8 kg
G4810-250	250 mm	9.84 in	(250-270 mm)	48 mm	10,8 mm	3 m	60x60x50cm	30 kg
G4810-270	270 mm	10.63 in	(270-290 mm)	48 mm	10,8 mm	3 m	60x60x50cm	33 kg
G4810-300	300 mm	11.81 in	(300-320 mm)	48 mm	10,8 mm	3 m	60x60x50cm	36 kg

Les mesures indiquées ci-dessus sont données à titre indicatif uniquement et peuvent varier.

The measurements provided above are intended for guidance purposes only and are subject to variation.

Gaines Spirales fabriquées en France

Anti-UV anti-choc special recyclable PVC (RoHS / REACH)

Température opérationnelle / Operational temperature : -20°C à +75°C



Comment calculer la quantité nécessaire de gaine PRENASPIRE / How to estimate the necessary length of PRENASPIRE hose guard

$\frac{\text{Ø extérieur du flexible (mm)}}{\text{Ø intérieur de la gaine (mm)}} \times \text{Longueur du flexible (m)}$	$\frac{\text{External Ø of hose (mm)}}{\text{Internal Ø of spiral guard (mm)}} \times \text{Length of hose to protect (m)}$
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Exemple : Flexible de diamètre extérieur 20 mm et de longueur 10m

G161-18 = 20 mm / 18 mm *10 m = 11,1 m de gaine

Example : Hose with external diameter 20 mm and 10 m length

G161-18 = 20 mm / 18 mm *10 m = 11,1 m of hoseguard

Tailles des cartons / Box sizes

Petit / Small : 48x33x30cm (S)

Standard : 60x50x40cm (L)

Gros / Large : 60x60x50cm (XL)

Dimensions d'une palette standard / Standard pallet dimensions : 110x110xH220 (=20 cartons / boxes)

Poids moyen d'un carton plein / Average weight of a full box : 13kg

Poids moyen palette / Average weight per pallet : 260kg

20ft container = 10 palettes/palettis

40ft container = 20 palettes/palettis

