



Mobile port crane



Offshore crane



Crawler crane



Steel Wire Rope veropro 8 RS

Product information



Wire rope construction: veropro 8RS is a 8 strand rope with a plastic layer between the steel core and the compacted outer strands. The rope is mildly rotary swaged and offer a significant increased surface area.

Features:

- Very high breaking strength.
- Very stabile rope construction with very good fatigue properties.
- A plastic layer between inner and outer strands prevents inner wear and protects the core from corrosion.

ISO 4309

Rope Category No: Up to 42mm **RCN.09**, 43-48mm **RCN.11**, > 48mm **RCN.13**.

Marking: According to standard

Standard: EN 12385-4

Note: veropro 8 RS may not be used with a swivel.

Fill factor: 0.685

RCN: 09

Tolerance Ø: +2% to +4%

Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Steel area mm ²	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m	Delivery time
103101205070299	12	1,960	77	134.4	Bright	sS	67	10
103101204070299	12	1,960	77	134.4	Bright	sZ	67	10
103101203070299	12	1,960	77	134.4	Bright	zS	67	10
103101206070299	12	1,960	77	134.4	Bright	zZ	67	10

103101205270299	12	1,960	77	134.4	Galvanized	sS	67	10
103101204270299	12	1,960	77	134.4	Galvanized	sZ	67	10
103101203270299	12	1,960	77	134.4	Galvanized	zS	67	10
103101206270299	12	1,960	77	134.4	Galvanized	zZ	67	10
103101205100299	12	2,160	77	144.7	Bright	sS	67	10
103101204100299	12	2,160	77	144.7	Bright	sZ	67	10
103101203100299	12	2,160	77	144.7	Bright	zS	67	10
103101206100299	12	2,160	77	144.7	Bright	zZ	67	10
103101205300299	12	2,160	77	144.7	Galvanized	sS	67	10
103101204300299	12	2,160	77	144.7	Galvanized	sZ	67	10
103101203300299	12	2,160	77	144.7	Galvanized	zS	67	10
103101206300299	12	2,160	77	144.7	Galvanized	zZ	67	10
103101275070299	12.7	1,960	87	150.5	Bright	sS	75	10
103101274070299	12.7	1,960	87	150.5	Bright	sZ	75	10
103101273070299	12.7	1,960	87	150.5	Bright	zS	75	10
103101276070299	12.7	1,960	87	150.5	Bright	zZ	75	10
103101275270299	12.7	1,960	87	150.5	Galvanized	sS	75	10
103101274270299	12.7	1,960	87	150.5	Galvanized	sZ	75	10
103101273270299	12.7	1,960	87	150.5	Galvanized	zS	75	10
103101276270299	12.7	1,960	87	150.5	Galvanized	zZ	75	10
103101275100299	12.7	2,160	87	162.1	Bright	sS	75	10
103101274100299	12.7	2,160	87	162.1	Bright	sZ	75	10
103101273100299	12.7	2,160	87	162.1	Bright	zS	75	10

103101276100299	12.7	2,160	87	162.1	Bright	zZ	75	10
103101275300299	12.7	2,160	87	162.1	Galvanized	sS	75	10
103101274300299	12.7	2,160	87	162.1	Galvanized	sZ	75	10
103101273300299	12.7	2,160	87	162.1	Galvanized	zS	75	10
103101276300299	12.7	2,160	87	162.1	Galvanized	zZ	75	10
103101305070299	13	1,960	91	157.7	Bright	sS	78	10
103101304070299	13	1,960	91	157.7	Bright	sZ	78	10
103101303070299	13	1,960	91	157.7	Bright	zS	78	10
103101306070299	13	1,960	91	157.7	Bright	zZ	78	10
103101305270299	13	1,960	91	157.7	Galvanized	sS	78	10
103101304270299	13	1,960	91	157.7	Galvanized	sZ	78	10
103101303270299	13	1,960	91	157.7	Galvanized	zS	78	10
103101306270299	13	1,960	91	157.7	Galvanized	zZ	78	10
103101305100299	13	2,160	91	169.9	Bright	sS	78	10
103101304100299	13	2,160	91	169.9	Bright	sZ	78	10
103101303100299	13	2,160	91	169.9	Bright	zS	78	10
103101306100299	13	2,160	91	169.9	Bright	zZ	78	10
103101305300299	13	2,160	91	169.9	Galvanized	sS	78	10
103101304300299	13	2,160	91	169.9	Galvanized	sZ	78	10
103101303300299	13	2,160	91	169.9	Galvanized	zS	78	10
103101306300299	13	2,160	91	169.9	Galvanized	zZ	78	10
103101405070299	14	1,960	105	182.9	Bright	sS	91	10
103101404070299	14	1,960	105	182.9	Bright	sZ	91	10

103101403070299	14	1,960	105	182.9	Bright	zS	91	10
103101406070299	14	1,960	105	182.9	Bright	zZ	91	10
103101405270299	14	1,960	105	182.9	Galvanized	sS	91	10
103101404270299	14	1,960	105	182.9	Galvanized	sZ	91	10
103101403270299	14	1,960	105	182.9	Galvanized	zS	91	10
103101406270299	14	1,960	105	182.9	Galvanized	zZ	91	10
103101405100299	14	2,160	105	197	Bright	sS	91	10
103101404100299	14	2,160	105	197	Bright	sZ	91	10
103101403100299	14	2,160	105	197	Bright	zS	91	10
103101406100299	14	2,160	105	197	Bright	zZ	91	10
103101405300299	14	2,160	105	197	Galvanized	sS	91	10
103101404300299	14	2,160	105	197	Galvanized	sZ	91	10
103101403300299	14	2,160	105	197	Galvanized	zS	91	10
103101406300299	14	2,160	105	197	Galvanized	zZ	91	10
103101505070299	15	1,960	121	210	Bright	sS	104	10
103101504070299	15	1,960	121	210	Bright	sZ	104	10
103101503070299	15	1,960	121	210	Bright	zS	104	10
103101506070299	15	1,960	121	210	Bright	zZ	104	10
103101505270299	15	1,960	121	210	Galvanized	sS	104	10
103101504270299	15	1,960	121	210	Galvanized	sZ	104	10
103101503270299	15	1,960	121	210	Galvanized	zS	104	10
103101506270299	15	1,960	121	210	Galvanized	zZ	104	10
103101505100299	15	2,160	121	226.1	Bright	sS	104	10

103101504100299	15	2,160	121	226.1	Bright	sZ	104	10
103101503100299	15	2,160	121	226.1	Bright	zS	104	10
103101506100299	15	2,160	121	226.1	Bright	zZ	104	10
103101505300299	15	2,160	121	226.1	Galvanized	sS	104	10
103101504300299	15	2,160	121	226.1	Galvanized	sZ	104	10
103101503300299	15	2,160	121	226.1	Galvanized	zS	104	10
103101506300299	15	2,160	121	226.1	Galvanized	zZ	104	10
103101605070299	16	1,960	138	238.9	Bright	sS	118	10
103101604070299	16	1,960	138	238.9	Bright	sZ	118	10
103101603070299	16	1,960	138	238.9	Bright	zS	118	10
103101606070299	16	1,960	138	238.9	Bright	zZ	118	10
103101605270299	16	1,960	138	238.9	Galvanized	sS	118	10
103101604270299	16	1,960	138	238.9	Galvanized	sZ	118	10
103101603270299	16	1,960	138	238.9	Galvanized	zS	118	10
103101606270299	16	1,960	138	238.9	Galvanized	zZ	118	10
103101605100299	16	2,160	138	257.3	Bright	sS	118	10
103101604100299	16	2,160	138	257.3	Bright	sZ	118	10
103101603100299	16	2,160	138	257.3	Bright	zS	118	10
103101606100299	16	2,160	138	257.3	Bright	zZ	118	10
103101605300299	16	2,160	138	257.3	Galvanized	sS	118	10
103101604300299	16	2,160	138	257.3	Galvanized	sZ	118	10
103101603300299	16	2,160	138	257.3	Galvanized	zS	118	10
103101606300299	16	2,160	138	257.3	Galvanized	zZ	118	10

103101705070299	17	1,960	155	269.7	Bright	sS	134	10
103101704070299	17	1,960	155	269.7	Bright	sZ	134	10
103101703070299	17	1,960	155	269.7	Bright	zS	134	10
103101706070299	17	1,960	155	269.7	Bright	zZ	134	10
103101705270299	17	1,960	155	269.7	Galvanized	sS	134	10
103101704270299	17	1,960	155	269.7	Galvanized	sZ	134	10
103101703270299	17	1,960	155	269.7	Galvanized	zS	134	10
103101706270299	17	1,960	155	269.7	Galvanized	zZ	134	10
103101705100299	17	2,160	155	290.5	Bright	sS	134	10
103101704100299	17	2,160	155	290.5	Bright	sZ	134	10
103101703100299	17	2,160	155	290.5	Bright	zS	134	10
103101706100299	17	2,160	155	290.5	Bright	zZ	134	10
103101705300299	17	2,160	155	290.5	Galvanized	sS	134	10
103101704300299	17	2,160	155	290.5	Galvanized	sZ	134	10
103101703300299	17	2,160	155	290.5	Galvanized	zS	134	10
103101706300299	17	2,160	155	290.5	Galvanized	zZ	134	10
103101805070299	18	1,960	174	302.4	Bright	sS	150	10
103101804070299	18	1,960	174	302.4	Bright	sZ	150	10
103101803070299	18	1,960	174	302.4	Bright	zS	150	10
103101806070299	18	1,960	174	302.4	Bright	zZ	150	10
103101805270299	18	1,960	174	302.4	Galvanized	sS	150	10
103101804270299	18	1,960	174	302.4	Galvanized	sZ	150	10
103101803270299	18	1,960	174	302.4	Galvanized	zS	150	10

103101806270299	18	1,960	174	302.4	Galvanized	zZ	150	10
103101805100299	18	2,160	174	325.6	Bright	sS	150	10
103101804100299	18	2,160	174	325.6	Bright	sZ	150	10
103101803100299	18	2,160	174	325.6	Bright	zS	150	10
103101806100299	18	2,160	174	325.6	Bright	zZ	150	10
103101805300299	18	2,160	174	325.6	Galvanized	sS	150	10
103101804300299	18	2,160	174	325.6	Galvanized	sZ	150	10
103101803300299	18	2,160	174	325.6	Galvanized	zS	150	10
103101806300299	18	2,160	174	325.6	Galvanized	zZ	150	10
103101905070299	19	1,960	194	336.9	Bright	sS	167	10
103101904070299	19	1,960	194	336.9	Bright	sZ	167	10
103101903070299	19	1,960	194	336.9	Bright	zS	167	10
103101906070299	19	1,960	194	336.9	Bright	zZ	167	10
103101905270299	19	1,960	194	336.9	Galvanized	sS	167	10
103101904270299	19	1,960	194	336.9	Galvanized	sZ	167	10
103101903270299	19	1,960	194	336.9	Galvanized	zS	167	10
103101906270299	19	1,960	194	336.9	Galvanized	zZ	167	10
103101905100299	19	2,160	194	362.8	Bright	sS	167	10
103101904100299	19	2,160	194	362.8	Bright	sZ	167	10
103101903100299	19	2,160	194	362.8	Bright	zS	167	10
103101906100299	19	2,160	194	362.8	Bright	zZ	167	10
103101905300299	19	2,160	194	362.8	Galvanized	sS	167	10
103101904300299	19	2,160	194	362.8	Galvanized	sZ	167	10

103101903300299	19	2,160	194	362.8	Galvanized	zS	167	10
103101906300299	19	2,160	194	362.8	Galvanized	zZ	167	10
103102005070299	20	1,960	215	373.3	Bright	sS	185	10
103102004070299	20	1,960	215	373.3	Bright	sZ	185	10
103102003070299	20	1,960	215	373.3	Bright	zS	185	10
103102006070299	20	1,960	215	373.3	Bright	zZ	185	10
103102005270299	20	1,960	215	373.3	Galvanized	sS	185	10
103102004270299	20	1,960	215	373.3	Galvanized	sZ	185	10
103102003270299	20	1,960	215	373.3	Galvanized	zS	185	10
103102006270299	20	1,960	215	373.3	Galvanized	zZ	185	10
103102005100299	20	2,160	215	402	Bright	sS	185	10
103102004100299	20	2,160	215	402	Bright	sZ	185	10
103102003100299	20	2,160	215	402	Bright	zS	185	10
103102006100299	20	2,160	215	402	Bright	zZ	185	10
103102005300299	20	2,160	215	402	Galvanized	sS	185	10
103102004300299	20	2,160	215	402	Galvanized	sZ	185	10
103102003300299	20	2,160	215	402	Galvanized	zS	185	10
103102006300299	20	2,160	215	402	Galvanized	zZ	185	10
103102105070299	21	1,960	237	411.5	Bright	sS	204	10
103102104070299	21	1,960	237	411.5	Bright	sZ	204	10
103102103070299	21	1,960	237	411.5	Bright	zS	204	10
103102106070299	21	1,960	237	411.5	Bright	zZ	204	10
103102105270299	21	1,960	237	411.5	Galvanized	sS	204	10

103102104270299	21	1,960	237	411.5	Galvanized	sZ	204	10
103102103270299	21	1,960	237	411.5	Galvanized	zS	204	10
103102106270299	21	1,960	237	411.5	Galvanized	zZ	204	10
103102105100299	21	2,160	237	443.2	Bright	sS	204	10
103102104100299	21	2,160	237	443.2	Bright	sZ	204	10
103102103100299	21	2,160	237	443.2	Bright	zS	204	10
103102106100299	21	2,160	237	443.2	Bright	zZ	204	10
103102105300299	21	2,160	237	443.2	Galvanized	sS	204	10
103102104300299	21	2,160	237	443.2	Galvanized	sZ	204	10
103102103300299	21	2,160	237	443.2	Galvanized	zS	204	10
103102106300299	21	2,160	237	443.2	Galvanized	zZ	204	10
103102205070299	22	1,960	260	451.7	Bright	sS	224	10
103102204070299	22	1,960	260	451.7	Bright	sZ	224	10
103102203070299	22	1,960	260	451.7	Bright	zS	224	10
103102206070299	22	1,960	260	451.7	Bright	zZ	224	10
103102205270299	22	1,960	260	451.7	Galvanized	sS	224	10
103102204270299	22	1,960	260	451.7	Galvanized	sZ	224	10
103102203270299	22	1,960	260	451.7	Galvanized	zS	224	10
103102206270299	22	1,960	260	451.7	Galvanized	zZ	224	10
103102205100299	22	2,160	260	486.5	Bright	sS	224	10
103102204100299	22	2,160	260	486.5	Bright	sZ	224	10
103102203100299	22	2,160	260	486.5	Bright	zS	224	10
103102206100299	22	2,160	260	486.5	Bright	zZ	224	10

103102205300299	22	2,160	260	486.5	Galvanized	sS	224	10
103102204300299	22	2,160	260	486.5	Galvanized	sZ	224	10
103102203300299	22	2,160	260	486.5	Galvanized	zS	224	10
103102206300299	22	2,160	260	486.5	Galvanized	zZ	224	10
103102245070299	22.4	1,960	265	468.2	Bright	sS	232	10
103102244070299	22.4	1,960	265	468.2	Bright	sZ	232	10
103102243070299	22.4	1,960	265	468.2	Bright	zS	232	10
103102246070299	22.4	1,960	265	468.2	Bright	zZ	232	10
103102245270299	22.4	1,960	265	468.2	Galvanized	sS	232	10
103102244270299	22.4	1,960	265	468.2	Galvanized	sZ	232	10
103102243270299	22.4	1,960	265	468.2	Galvanized	zS	232	10
103102246270299	22.4	1,960	265	468.2	Galvanized	zZ	232	10
103102245100299	22.4	2,160	265	504.3	Bright	sS	232	10
103102244100299	22.4	2,160	265	504.3	Bright	sZ	232	10
103102243100299	22.4	2,160	265	504.3	Bright	zS	232	10
103102246100299	22.4	2,160	265	504.3	Bright	zZ	232	10
103102245300299	22.4	2,160	265	504.3	Galvanized	sS	232	10
103102244300299	22.4	2,160	265	504.3	Galvanized	sZ	232	10
103102243300299	22.4	2,160	265	504.3	Galvanized	zS	232	10
103102246300299	22.4	2,160	265	504.3	Galvanized	zZ	232	10
103102305070299	23	1,960	285	493.7	Bright	sS	245	10
103102304070299	23	1,960	285	493.7	Bright	sZ	245	10
103102303070299	23	1,960	285	493.7	Bright	zS	245	10

103102306070299	23	1,960	285	493.7	Bright	zZ	245	10
103102305270299	23	1,960	285	493.7	Galvanized	sS	245	10
103102304270299	23	1,960	285	493.7	Galvanized	sZ	245	10
103102303270299	23	1,960	285	493.7	Galvanized	zS	245	10
103102306270299	23	1,960	285	493.7	Galvanized	zZ	245	10
103102305100299	23	2,160	285	531.7	Bright	sS	245	10
103102304100299	23	2,160	285	531.7	Bright	sZ	245	10
103102303100299	23	2,160	285	531.7	Bright	zS	245	10
103102306100299	23	2,160	285	531.7	Bright	zZ	245	10
103102305300299	23	2,160	285	531.7	Galvanized	sS	245	10
103102304300299	23	2,160	285	531.7	Galvanized	sZ	245	10
103102303300299	23	2,160	285	531.7	Galvanized	zS	245	10
103102306300299	23	2,160	285	531.7	Galvanized	zZ	245	10
103102405070299	24	1,960	310	537.5	Bright	sS	267	10
103102404070299	24	1,960	310	537.5	Bright	sZ	267	10
103102403070299	24	1,960	310	537.5	Bright	zS	267	10
103102406070299	24	1,960	310	537.5	Bright	zZ	267	10
103102405270299	24	1,960	310	537.5	Galvanized	sS	267	10
103102404270299	24	1,960	310	537.5	Galvanized	sZ	267	10
103102403270299	24	1,960	310	537.5	Galvanized	zS	267	10
103102406270299	24	1,960	310	537.5	Galvanized	zZ	267	10
103102405100299	24	2,160	310	578.9	Bright	sS	267	10
103102404100299	24	2,160	310	578.9	Bright	sZ	267	10

103102403100299	24	2,160	310	578.9	Bright	zS	267	10
103102406100299	24	2,160	310	578.9	Bright	zZ	267	10
103102405300299	24	2,160	310	578.9	Galvanized	sS	267	10
103102404300299	24	2,160	310	578.9	Galvanized	sZ	267	10
103102403300299	24	2,160	310	578.9	Galvanized	zS	267	10
103102406300299	24	2,160	310	578.9	Galvanized	zZ	267	10
103102505070299	25	1,960	336	583.3	Bright	sS	289	10
103102504070299	25	1,960	336	583.3	Bright	sZ	289	10
103102503070299	25	1,960	336	583.3	Bright	zS	289	10
103102506070299	25	1,960	336	583.3	Bright	zZ	289	10
103102505270299	25	1,960	336	583.3	Galvanized	sS	289	10
103102504270299	25	1,960	336	583.3	Galvanized	sZ	289	10
103102503270299	25	1,960	336	583.3	Galvanized	zS	289	10
103102506270299	25	1,960	336	583.3	Galvanized	zZ	289	10
103102505100299	25	2,160	336	628.2	Bright	sS	289	10
103102504100299	25	2,160	336	628.2	Bright	sZ	289	10
103102503100299	25	2,160	336	628.2	Bright	zS	289	10
103102506100299	25	2,160	336	628.2	Bright	zZ	289	10
103102505300299	25	2,160	336	628.2	Galvanized	sS	289	10
103102504300299	25	2,160	336	628.2	Galvanized	sZ	289	10
103102503300299	25	2,160	336	628.2	Galvanized	zS	289	10
103102506300299	25	2,160	336	628.2	Galvanized	zZ	289	10
103102545070299	25.4	1,960	347	602.1	Bright	sS	299	10

103102544070299	25.4	1,960	347	602.1	Bright	sZ	299	10
103102543070299	25.4	1,960	347	602.1	Bright	zS	299	10
103102546070299	25.4	1,960	347	602.1	Bright	zZ	299	10
103102545270299	25.4	1,960	347	602.1	Galvanized	sS	299	10
103102544270299	25.4	1,960	347	602.1	Galvanized	sZ	299	10
103102543270299	25.4	1,960	347	602.1	Galvanized	zS	299	10
103102546270299	25.4	1,960	347	602.1	Galvanized	zZ	299	10
103102545100299	25.4	2,160	347	648.4	Bright	sS	299	10
103102544100299	25.4	2,160	347	648.4	Bright	sZ	299	10
103102543100299	25.4	2,160	347	648.4	Bright	zS	299	10
103102546100299	25.4	2,160	347	648.4	Bright	zZ	299	10
103102545300299	25.4	2,160	347	648.4	Galvanized	sS	299	10
103102544300299	25.4	2,160	347	648.4	Galvanized	sZ	299	10
103102543300299	25.4	2,160	347	648.4	Galvanized	zS	299	10
103102546300299	25.4	2,160	347	648.4	Galvanized	zZ	299	10
103102605070299	26	1,960	364	630.9	Bright	sS	313	10
103102604070299	26	1,960	364	630.9	Bright	sZ	313	10
103102603070299	26	1,960	364	630.9	Bright	zS	313	10
103102606070299	26	1,960	364	630.9	Bright	zZ	313	10
103102605270299	26	1,960	364	630.9	Galvanized	sS	313	10
103102604270299	26	1,960	364	630.9	Galvanized	sZ	313	10
103102603270299	26	1,960	364	630.9	Galvanized	zS	313	10
103102606270299	26	1,960	364	630.9	Galvanized	zZ	313	10

103102605100299	26	2,160	364	679.4	Bright	sS	313	10
103102604100299	26	2,160	364	679.4	Bright	sZ	313	10
103102603100299	26	2,160	364	679.4	Bright	zS	313	10
103102606100299	26	2,160	364	679.4	Bright	zZ	313	10
103102605300299	26	2,160	364	679.4	Galvanized	sS	313	10
103102604300299	26	2,160	364	679.4	Galvanized	sZ	313	10
103102603300299	26	2,160	364	679.4	Galvanized	zS	313	10
103102606300299	26	2,160	364	679.4	Galvanized	zZ	313	10
103102705070299	27	1,960	392	680.3	Bright	sS	337	10
103102704070299	27	1,960	392	680.3	Bright	sZ	337	10
103102703070299	27	1,960	392	680.3	Bright	zS	337	10
103102706070299	27	1,960	392	680.3	Bright	zZ	337	10
103102705270299	27	1,960	392	680.3	Galvanized	sS	337	10
103102704270299	27	1,960	392	680.3	Galvanized	sZ	337	10
103102703270299	27	1,960	392	680.3	Galvanized	zS	337	10
103102706270299	27	1,960	392	680.3	Galvanized	zZ	337	10
103102705100299	27	2,160	392	732.7	Bright	sS	337	10
103102704100299	27	2,160	392	732.7	Bright	sZ	337	10
103102703100299	27	2,160	392	732.7	Bright	zS	337	10
103102706100299	27	2,160	392	732.7	Bright	zZ	337	10
103102705300299	27	2,160	392	732.7	Galvanized	sS	337	10
103102704300299	27	2,160	392	732.7	Galvanized	sZ	337	10
103102703300299	27	2,160	392	732.7	Galvanized	zS	337	10

103102706300299	27	2,160	392	732.7	Galvanized	zZ	337	10
103102805070299	28	1,960	422	731.6	Bright	sS	363	10
103102804070299	28	1,960	422	731.6	Bright	sZ	363	10
103102803070299	28	1,960	422	731.6	Bright	zS	363	10
103102806070299	28	1,960	422	731.6	Bright	zZ	363	10
103102805270299	28	1,960	422	731.6	Galvanized	sS	363	10
103102804270299	28	1,960	422	731.6	Galvanized	sZ	363	10
103102803270299	28	1,960	422	731.6	Galvanized	zS	363	10
103102806270299	28	1,960	422	731.6	Galvanized	zZ	363	10
103102805100299	28	2,160	422	788	Bright	sS	363	10
103102804100299	28	2,160	422	788	Bright	sZ	363	10
103102803100299	28	2,160	422	788	Bright	zS	363	10
103102806100299	28	2,160	422	788	Bright	zZ	363	10
103102805300299	28	2,160	422	788	Galvanized	sS	363	10
103102804300299	28	2,160	422	788	Galvanized	sZ	363	10
103102803300299	28	2,160	422	788	Galvanized	zS	363	10
103102806300299	28	2,160	422	788	Galvanized	zZ	363	10
103102865070299	28.6	1,960	440	763.3	Bright	sS	379	10
103102864070299	28.6	1,960	440	763.3	Bright	sZ	379	10
103102863070299	28.6	1,960	440	763.3	Bright	zS	379	10
103102866070299	28.6	1,960	440	763.3	Bright	zZ	379	10
103102865270299	28.6	1,960	440	763.3	Galvanized	sS	379	10
103102864270299	28.6	1,960	440	763.3	Galvanized	sZ	379	10

103102863270299	28.6	1,960	440	763.3	Galvanized	zS	379	10
103102866270299	28.6	1,960	440	763.3	Galvanized	zZ	379	10
103102865100299	28.6	2,160	440	822.1	Bright	sS	379	10
103102864100299	28.6	2,160	440	822.1	Bright	sZ	379	10
103102863100299	28.6	2,160	440	822.1	Bright	zS	379	10
103102866100299	28.6	2,160	440	822.1	Bright	zZ	379	10
103102865300299	28.6	2,160	440	822.1	Galvanized	sS	379	10
103102864300299	28.6	2,160	440	822.1	Galvanized	sZ	379	10
103102863300299	28.6	2,160	440	822.1	Galvanized	zS	379	10
103102866300299	28.6	2,160	440	822.1	Galvanized	zZ	379	10
103102905070299	29	1,960	452	784.8	Bright	sS	389	10
103102904070299	29	1,960	452	784.8	Bright	sZ	389	10
103102903070299	29	1,960	452	784.8	Bright	zS	389	10
103102906070299	29	1,960	452	784.8	Bright	zZ	389	10
103102905270299	29	1,960	452	784.8	Galvanized	sS	389	10
103102904270299	29	1,960	452	784.8	Galvanized	sZ	389	10
103102903270299	29	1,960	452	784.8	Galvanized	zS	389	10
103102906270299	29	1,960	452	784.8	Galvanized	zZ	389	10
103102905100299	29	2,160	452	845.3	Bright	sS	389	10
103102904100299	29	2,160	452	845.3	Bright	sZ	389	10
103102903100299	29	2,160	452	845.3	Bright	zS	389	10
103102906100299	29	2,160	452	845.3	Bright	zZ	389	10
103102905300299	29	2,160	452	845.3	Galvanized	sS	389	10

103102904300299	29	2,160	452	845.3	Galvanized	sZ	389	10
103102903300299	29	2,160	452	845.3	Galvanized	zS	389	10
103102906300299	29	2,160	452	845.3	Galvanized	zZ	389	10
103103005070299	30	1,960	484	839.9	Bright	sS	416	10
103103004070299	30	1,960	484	839.9	Bright	sZ	416	10
103103003070299	30	1,960	484	839.9	Bright	zS	416	10
103103006070299	30	1,960	484	839.9	Bright	zZ	416	10
103103005270299	30	1,960	484	839.9	Galvanized	sS	416	10
103103004270299	30	1,960	484	839.9	Galvanized	sZ	416	10
103103003270299	30	1,960	484	839.9	Galvanized	zS	416	10
103103006270299	30	1,960	484	839.9	Galvanized	zZ	416	10
103103005100299	30	2,160	484	904.6	Bright	sS	416	10
103103004100299	30	2,160	484	904.6	Bright	sZ	416	10
103103003100299	30	2,160	484	904.6	Bright	zS	416	10
103103006100299	30	2,160	484	904.6	Bright	zZ	416	10
103103005300299	30	2,160	484	904.6	Galvanized	sS	416	10
103103004300299	30	2,160	484	904.6	Galvanized	sZ	416	10
103103003300299	30	2,160	484	904.6	Galvanized	zS	416	10
103103006300299	30	2,160	484	904.6	Galvanized	zZ	416	10
103103105070299	31	1,960	517	896.8	Bright	sS	445	10
103103104070299	31	1,960	517	896.8	Bright	sZ	445	10
103103103070299	31	1,960	517	896.8	Bright	zS	445	10
103103106070299	31	1,960	517	896.8	Bright	zZ	445	10

103103105270299	31	1,960	517	896.8	Galvanized	sS	445	10
103103104270299	31	1,960	517	896.8	Galvanized	sZ	445	10
103103103270299	31	1,960	517	896.8	Galvanized	zS	445	10
103103106270299	31	1,960	517	896.8	Galvanized	zZ	445	10
103103105100299	31	2,160	517	965.9	Bright	sS	445	10
103103104100299	31	2,160	517	965.9	Bright	sZ	445	10
103103103100299	31	2,160	517	965.9	Bright	zS	445	10
103103106100299	31	2,160	517	965.9	Bright	zZ	445	10
103103105300299	31	2,160	517	965.9	Galvanized	sS	445	10
103103104300299	31	2,160	517	965.9	Galvanized	sZ	445	10
103103103300299	31	2,160	517	965.9	Galvanized	zS	445	10
103103106300299	31	2,160	517	965.9	Galvanized	zZ	445	10
103103205070299	32	1,960	551	955.6	Bright	sS	474	10
103103204070299	32	1,960	551	955.6	Bright	sZ	474	10
103103203070299	32	1,960	551	955.6	Bright	zS	474	10
103103206070299	32	1,960	551	955.6	Bright	zZ	474	10
103103205270299	32	1,960	551	955.6	Galvanized	sS	474	10
103103204270299	32	1,960	551	955.6	Galvanized	sZ	474	10
103103203270299	32	1,960	551	955.6	Galvanized	zS	474	10
103103206270299	32	1,960	551	955.6	Galvanized	zZ	474	10
103103205100299	32	2,160	551	1,029	Bright	sS	474	10
103103204100299	32	2,160	551	1,029	Bright	sZ	474	10
103103203100299	32	2,160	551	1,029	Bright	zS	474	10

103103206100299	32	2,160	551	1,029	Bright	zZ	474	10
103103205300299	32	2,160	551	1,029	Galvanized	sS	474	10
103103204300299	32	2,160	551	1,029	Galvanized	sZ	474	10
103103203300299	32	2,160	551	1,029	Galvanized	zS	474	10
103103206300299	32	2,160	551	1,029	Galvanized	zZ	474	10
103103305070299	33	1,960	586	1,016	Bright	sS	504	10
103103304070299	33	1,960	586	1,016	Bright	sZ	504	10
103103303070299	33	1,960	586	1,016	Bright	zS	504	10
103103306070299	33	1,960	586	1,016	Bright	zZ	504	10
103103305270299	33	1,960	586	1,016	Galvanized	sS	504	10
103103304270299	33	1,960	586	1,016	Galvanized	sZ	504	10
103103303270299	33	1,960	586	1,016	Galvanized	zS	504	10
103103306270299	33	1,960	586	1,016	Galvanized	zZ	504	10
103103305100299	33	2,160	586	1,095	Bright	sS	504	10
103103304100299	33	2,160	586	1,095	Bright	sZ	504	10
103103303100299	33	2,160	586	1,095	Bright	zS	504	10
103103306100299	33	2,160	586	1,095	Bright	zZ	504	10
103103305300299	33	2,160	586	1,095	Galvanized	sS	504	10
103103304300299	33	2,160	586	1,095	Galvanized	sZ	504	10
103103303300299	33	2,160	586	1,095	Galvanized	zS	504	10
103103306300299	33	2,160	586	1,095	Galvanized	zZ	504	10
103103405070299	34	1,960	622	1,079	Bright	sS	535	10
103103404070299	34	1,960	622	1,079	Bright	sZ	535	10

103103403070299	34	1,960	622	1,079	Bright	zS	535	10
103103406070299	34	1,960	622	1,079	Bright	zZ	535	10
103103405270299	34	1,960	622	1,079	Galvanized	sS	535	10
103103404270299	34	1,960	622	1,079	Galvanized	sZ	535	10
103103403270299	34	1,960	622	1,079	Galvanized	zS	535	10
103103406270299	34	1,960	622	1,079	Galvanized	zZ	535	10
103103405100299	34	2,160	622	1,162	Bright	sS	535	10
103103404100299	34	2,160	622	1,162	Bright	sZ	535	10
103103403100299	34	2,160	622	1,162	Bright	zS	535	10
103103406100299	34	2,160	622	1,162	Bright	zZ	535	10
103103405300299	34	2,160	622	1,162	Galvanized	sS	535	10
103103404300299	34	2,160	622	1,162	Galvanized	sZ	535	10
103103403300299	34	2,160	622	1,162	Galvanized	zS	535	10
103103406300299	34	2,160	622	1,162	Galvanized	zZ	535	10
103103505070299	35	1,960	659	1,143	Bright	sS	567	10
103103504070299	35	1,960	659	1,143	Bright	sZ	567	10
103103503070299	35	1,960	659	1,143	Bright	zS	567	10
103103506070299	35	1,960	659	1,143	Bright	zZ	567	10
103103505270299	35	1,960	659	1,143	Galvanized	sS	567	10
103103504270299	35	1,960	659	1,143	Galvanized	sZ	567	10
103103503270299	35	1,960	659	1,143	Galvanized	zS	567	10
103103506270299	35	1,960	659	1,143	Galvanized	zZ	567	10
103103505100299	35	2,160	659	1,231	Bright	sS	567	10

103103504100299	35	2,160	659	1,231	Bright	sZ	567	10
103103503100299	35	2,160	659	1,231	Bright	zS	567	10
103103506100299	35	2,160	659	1,231	Bright	zZ	567	10
103103505300299	35	2,160	659	1,231	Galvanized	sS	567	10
103103504300299	35	2,160	659	1,231	Galvanized	sZ	567	10
103103503300299	35	2,160	659	1,231	Galvanized	zS	567	10
103103506300299	35	2,160	659	1,231	Galvanized	zZ	567	10
103103605070299	36	1,960	697	1,209	Bright	sS	600	10
103103604070299	36	1,960	697	1,209	Bright	sZ	600	10
103103603070299	36	1,960	697	1,209	Bright	zS	600	10
103103606070299	36	1,960	697	1,209	Bright	zZ	600	10
103103605270299	36	1,960	697	1,209	Galvanized	sS	600	10
103103604270299	36	1,960	697	1,209	Galvanized	sZ	600	10
103103603270299	36	1,960	697	1,209	Galvanized	zS	600	10
103103606270299	36	1,960	697	1,209	Galvanized	zZ	600	10
103103605100299	36	2,160	697	1,303	Bright	sS	600	10
103103604100299	36	2,160	697	1,303	Bright	sZ	600	10
103103603100299	36	2,160	697	1,303	Bright	zS	600	10
103103606100299	36	2,160	697	1,303	Bright	zZ	600	10
103103605300299	36	2,160	697	1,303	Galvanized	sS	600	10
103103604300299	36	2,160	697	1,303	Galvanized	sZ	600	10
103103603300299	36	2,160	697	1,303	Galvanized	zS	600	10
103103606300299	36	2,160	697	1,303	Galvanized	zZ	600	10

103103805070299	38	1,960	777	1,348	Bright	sS	668	10
103103804070299	38	1,960	777	1,348	Bright	sZ	668	10
103103803070299	38	1,960	777	1,348	Bright	zS	668	10
103103806070299	38	1,960	777	1,348	Bright	zZ	668	10
103103805270299	38	1,960	777	1,348	Galvanized	sS	668	10
103103804270299	38	1,960	777	1,348	Galvanized	sZ	668	10
103103803270299	38	1,960	777	1,348	Galvanized	zS	668	10
103103806270299	38	1,960	777	1,348	Galvanized	zZ	668	10
103103805100299	38	2,160	777	1,451	Bright	sS	668	10
103103804100299	38	2,160	777	1,451	Bright	sZ	668	10
103103803100299	38	2,160	777	1,451	Bright	zS	668	10
103103806100299	38	2,160	777	1,451	Bright	zZ	668	10
103103805300299	38	2,160	777	1,451	Galvanized	sS	668	10
103103804300299	38	2,160	777	1,451	Galvanized	sZ	668	10
103103803300299	38	2,160	777	1,451	Galvanized	zS	668	10
103103806300299	38	2,160	777	1,451	Galvanized	zZ	668	10
103104005070299	40	1,960	861	1,493	Bright	sS	740	10
103104004070299	40	1,960	861	1,493	Bright	sZ	740	10
103104003070299	40	1,960	861	1,493	Bright	zS	740	10
103104006070299	40	1,960	861	1,493	Bright	zZ	740	10
103104005270299	40	1,960	861	1,493	Galvanized	sS	740	10
103104004270299	40	1,960	861	1,493	Galvanized	sZ	740	10
103104003270299	40	1,960	861	1,493	Galvanized	zS	740	10

103104006270299	40	1,960	861	1,493	Galvanized	zZ	740	10
103104005100299	40	2,160	861	1,608	Bright	sS	740	10
103104004100299	40	2,160	861	1,608	Bright	sZ	740	10
103104003100299	40	2,160	861	1,608	Bright	zS	740	10
103104006100299	40	2,160	861	1,608	Bright	zZ	740	10
103104005300299	40	2,160	861	1,608	Galvanized	sS	740	10
103104004300299	40	2,160	861	1,608	Galvanized	sZ	740	10
103104003300299	40	2,160	861	1,608	Galvanized	zS	740	10
103104006300299	40	2,160	861	1,608	Galvanized	zZ	740	10
103104136270299	41.3	1,960	918	1,592	Galvanized	zZ	789	10
103104135070299	41.3	1,960	918	1,592	Bright	sS	789	10
103104134070299	41.3	1,960	918	1,592	Bright	sZ	789	10
103104133070299	41.3	1,960	918	1,592	Bright	zS	789	10
103104136070299	41.3	1,960	918	1,592	Bright	zZ	789	10
103104135270299	41.3	1,960	918	1,592	Galvanized	sS	789	10
103104134270299	41.3	1,960	918	1,592	Galvanized	sZ	789	10
103104133270299	41.3	1,960	918	1,592	Galvanized	zS	789	10
103104135100299	41.3	2,160	918	1,714	Bright	sS	789	10
103104134100299	41.3	2,160	918	1,714	Bright	sZ	789	10
103104133100299	41.3	2,160	918	1,714	Bright	zS	789	10
103104136100299	41.3	2,160	918	1,714	Bright	zZ	789	10
103104135300299	41.3	2,160	918	1,714	Galvanized	sS	789	10
103104134300299	41.3	2,160	918	1,714	Galvanized	sZ	789	10

103104133300299	41.3	2,160	918	1,714	Galvanized	zS	789	10
103104136300299	41.3	2,160	918	1,714	Galvanized	zZ	789	10
103104205070299	42	1,960	949	1,646	Bright	sS	816	10
103104204070299	42	1,960	949	1,646	Bright	sZ	816	10
103104203070299	42	1,960	949	1,646	Bright	zS	816	10
103104206070299	42	1,960	949	1,646	Bright	zZ	816	10
103104205270299	42	1,960	949	1,646	Galvanized	sS	816	10
103104204270299	42	1,960	949	1,646	Galvanized	sZ	816	10
103104203270299	42	1,960	949	1,646	Galvanized	zS	816	10
103104206270299	42	1,960	949	1,646	Galvanized	zZ	816	10
103104205100299	42	2,160	949	1,773	Bright	sS	816	10
103104204100299	42	2,160	949	1,773	Bright	sZ	816	10
103104203100299	42	2,160	949	1,773	Bright	zS	816	10
103104206100299	42	2,160	949	1,773	Bright	zZ	816	10
103104205300299	42	2,160	949	1,773	Galvanized	sS	816	10
103104204300299	42	2,160	949	1,773	Galvanized	sZ	816	10
103104203300299	42	2,160	949	1,773	Galvanized	zS	816	10
103104206300299	42	2,160	949	1,773	Galvanized	zZ	816	10
103104405070299	44	1,960	1,042	1,807	Bright	sS	896	10
103104404070299	44	1,960	1,042	1,807	Bright	sZ	896	10
103104403070299	44	1,960	1,042	1,807	Bright	zS	896	10
103104406070299	44	1,960	1,042	1,807	Bright	zZ	896	10
103104405270299	44	1,960	1,042	1,807	Galvanized	sS	896	10

103104404270299	44	1,960	1,042	1,807	Galvanized	sZ	896	10
103104403270299	44	1,960	1,042	1,807	Galvanized	zS	896	10
103104406270299	44	1,960	1,042	1,807	Galvanized	zZ	896	10
103104405100299	44	2,160	1,042	1,946	Bright	sS	896	10
103104404100299	44	2,160	1,042	1,946	Bright	sZ	896	10
103104403100299	44	2,160	1,042	1,946	Bright	zS	896	10
103104406100299	44	2,160	1,042	1,946	Bright	zZ	896	10
103104405300299	44	2,160	1,042	1,946	Galvanized	sS	896	10
103104404300299	44	2,160	1,042	1,946	Galvanized	sZ	896	10
103104403300299	44	2,160	1,042	1,946	Galvanized	zS	896	10
103104406300299	44	2,160	1,042	1,946	Galvanized	zZ	896	10
103104505300299	45	2,160	1,089	2,035	Galvanized	sS	937	10
103104505070299	45	1,960	1,089	1,890	Bright	sS	937	10
103104504070299	45	1,960	1,089	1,890	Bright	sZ	937	10
103104503070299	45	1,960	1,089	1,890	Bright	zS	937	10
103104506070299	45	1,960	1,089	1,890	Bright	zZ	937	10
103104505270299	45	1,960	1,089	1,890	Galvanized	sS	937	10
103104504270299	45	1,960	1,089	1,890	Galvanized	sZ	937	10
103104503270299	45	1,960	1,089	1,890	Galvanized	zS	937	10
103104506270299	45	1,960	1,089	1,890	Galvanized	zZ	937	10
103104505100299	45	2,160	1,089	2,035	Bright	sS	937	10
103104504100299	45	2,160	1,089	2,035	Bright	sZ	937	10
103104503100299	45	2,160	1,089	2,035	Bright	zS	937	10

103104506100299	45	2,160	1,089	2,035	Bright	zZ	937	10
103104504300299	45	2,160	1,089	2,035	Galvanized	sZ	937	10
103104503300299	45	2,160	1,089	2,035	Galvanized	zS	937	10
103104506300299	45	2,160	1,089	2,035	Galvanized	zZ	937	10
103104605070299	46	1,960	1,138	1,975	Bright	sS	979	10
103104604070299	46	1,960	1,138	1,975	Bright	sZ	979	10
103104603070299	46	1,960	1,138	1,975	Bright	zS	979	10
103104606070299	46	1,960	1,138	1,975	Bright	zZ	979	10
103104605270299	46	1,960	1,138	1,975	Galvanized	sS	979	10
103104604270299	46	1,960	1,138	1,975	Galvanized	sZ	979	10
103104603270299	46	1,960	1,138	1,975	Galvanized	zS	979	10
103104606270299	46	1,960	1,138	1,975	Galvanized	zZ	979	10
103104605100299	46	2,160	1,138	2,127	Bright	sS	979	10
103104604100299	46	2,160	1,138	2,127	Bright	sZ	979	10
103104603100299	46	2,160	1,138	2,127	Bright	zS	979	10
103104606100299	46	2,160	1,138	2,127	Bright	zZ	979	10
103104605300299	46	2,160	1,138	2,127	Galvanized	sS	979	10
103104604300299	46	2,160	1,138	2,127	Galvanized	sZ	979	10
103104603300299	46	2,160	1,138	2,127	Galvanized	zS	979	10
103104606300299	46	2,160	1,138	2,127	Galvanized	zZ	979	10
103104755070299	47.5	1,960	1,214	2,106	Bright	sS	1,044	10
103104754070299	47.5	1,960	1,214	2,106	Bright	sZ	1,044	10
103104753070299	47.5	1,960	1,214	2,106	Bright	zS	1,044	10

103104756070299	47.5	1,960	1,214	2,106	Bright	zZ	1,044	10
103104755270299	47.5	1,960	1,214	2,106	Galvanized	sS	1,044	10
103104754270299	47.5	1,960	1,214	2,106	Galvanized	sZ	1,044	10
103104753270299	47.5	1,960	1,214	2,106	Galvanized	zS	1,044	10
103104756270299	47.5	1,960	1,214	2,106	Galvanized	zZ	1,044	10
103104755100299	47.5	2,160	1,214	2,268	Bright	sS	1,044	10
103104754100299	47.5	2,160	1,214	2,268	Bright	sZ	1,044	10
103104753100299	47.5	2,160	1,214	2,268	Bright	zS	1,044	10
103104756100299	47.5	2,160	1,214	2,268	Bright	zZ	1,044	10
103104755300299	47.5	2,160	1,214	2,268	Galvanized	sS	1,044	10
103104754300299	47.5	2,160	1,214	2,268	Galvanized	sZ	1,044	10
103104753300299	47.5	2,160	1,214	2,268	Galvanized	zS	1,044	10
103104756300299	47.5	2,160	1,214	2,268	Galvanized	zZ	1,044	10
103104805070299	48	1,960	1,240	2,150	Bright	sS	1,066	10
103104804070299	48	1,960	1,240	2,150	Bright	sZ	1,066	10
103104803070299	48	1,960	1,240	2,150	Bright	zS	1,066	10
103104806070299	48	1,960	1,240	2,150	Bright	zZ	1,066	10
103104805270299	48	1,960	1,240	2,150	Galvanized	sS	1,066	10
103104804270299	48	1,960	1,240	2,150	Galvanized	sZ	1,066	10
103104803270299	48	1,960	1,240	2,150	Galvanized	zS	1,066	10
103104806270299	48	1,960	1,240	2,150	Galvanized	zZ	1,066	10
103104805100299	48	2,160	1,240	2,316	Bright	sS	1,066	10
103104804100299	48	2,160	1,240	2,316	Bright	sZ	1,066	10

103104803100299	48	2,160	1,240	2,316	Bright	zS	1,066	10
103104806100299	48	2,160	1,240	2,316	Bright	zZ	1,066	10
103104805300299	48	2,160	1,240	2,316	Galvanized	sS	1,066	10
103104804300299	48	2,160	1,240	2,316	Galvanized	sZ	1,066	10
103104803300299	48	2,160	1,240	2,316	Galvanized	zS	1,066	10
103104806300299	48	2,160	1,240	2,316	Galvanized	zZ	1,066	10