

## Specification Sheet

Part Number: 166-90193

Material is easy to use and cut; reduces installation time and labor costs.

Flexible, abrasion resistant and durable for a variety of applications.

Good impact strength; recovers quickly if crushed.

UV resistant; suitable for use in outdoor applications.

Offered in fine or course corrugated pitch.



HelaGuard Non-Metallic Conduit, Std. Weight, 1.00" Dia, Nylon PA6, Black, 50 ft/reel

|                |           |
|----------------|-----------|
| Article Number | 166-90193 |
|----------------|-----------|

|      |           |
|------|-----------|
| Type | HG-SW1000 |
|------|-----------|

|       |            |
|-------|------------|
| Color | Black (BK) |
|-------|------------|

|              |      |
|--------------|------|
| Quantity Per | pack |
|--------------|------|

|                     |                                                                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | A standard weight corrugated conduit made of PA6 nylon that offers flexible abrasion protection for wire and cable bundles. Easy to cut and use, the material is highly resistant to solvents and oils. Combine with HelaGuard non-metallic fittings for IP66 rating or greater protection against water, wind and dirt. |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Short Description | HelaGuard Non-Metallic Conduit, Std. Weight, 1.00" Dia, Nylon PA6, Black, 50 ft/reel |
|-------------------|--------------------------------------------------------------------------------------|

|                  |                  |
|------------------|------------------|
| Global Part Name | HG-SW1000-PA6-BK |
|------------------|------------------|

|                     |      |
|---------------------|------|
| Length L (Imperial) | 50.0 |
|---------------------|------|

|                   |      |
|-------------------|------|
| Length L (Metric) | 15.2 |
|-------------------|------|

|                             |      |
|-----------------------------|------|
| Inner Diameter D (Imperial) | 1.11 |
|-----------------------------|------|

|                           |      |
|---------------------------|------|
| Inner Diameter D (Metric) | 28.1 |
|---------------------------|------|

|                                |      |
|--------------------------------|------|
| Outside Diameter OD (Imperial) | 1.36 |
|--------------------------------|------|

|                              |      |
|------------------------------|------|
| Outside Diameter OD (Metric) | 34.5 |
|------------------------------|------|

|                             |   |
|-----------------------------|---|
| Nominal Diameter (Imperial) | 1 |
|-----------------------------|---|

|                           |    |
|---------------------------|----|
| Nominal Diameter (Metric) | 34 |
|---------------------------|----|

|          |                   |
|----------|-------------------|
| Material | Polyamide 6 (PA6) |
|----------|-------------------|

|                   |     |
|-------------------|-----|
| Material Shortcut | PA6 |
|-------------------|-----|

|              |           |
|--------------|-----------|
| Flammability | UL 94 V-2 |
|--------------|-----------|

|              |     |
|--------------|-----|
| Halogen Free | Yes |
|--------------|-----|

|                       |    |
|-----------------------|----|
| UV Resistant (Yes/No) | No |
|-----------------------|----|

|                |                     |
|----------------|---------------------|
| Use Conditions | For Indoor Use Only |
|----------------|---------------------|

|                       |                                   |
|-----------------------|-----------------------------------|
| Operating Temperature | -40°F to +248°F (-40°C to +120°C) |
|-----------------------|-----------------------------------|

|                              |     |
|------------------------------|-----|
| Reach Compliant (Article 33) | Yes |
|------------------------------|-----|

|                |     |
|----------------|-----|
| ROHS Compliant | Yes |
|----------------|-----|

|                           |     |
|---------------------------|-----|
| UL Listed (US and Canada) | Yes |
|---------------------------|-----|

|                |     |
|----------------|-----|
| UL Listed (US) | Yes |
|----------------|-----|

|                             |    |
|-----------------------------|----|
| Package Quantity (Imperial) | 50 |
|-----------------------------|----|

|                           |       |
|---------------------------|-------|
| Package Quantity (Metric) | 15.24 |
|---------------------------|-------|

|                |            |
|----------------|------------|
| Customs Number | 3926909988 |
|----------------|------------|

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