

PNEUMATIC AUTOMATION PRODUCTS

FOR THE FOOD PROCESSING INDUSTRY



TOPRING offers a full range of compressed air products for the food processing industry.

- > Several products meet the FDA or NSF standards.
- > Several products are available in 316 Stainless Steel or corrosion resistant material.
- > Several products are also available to obtain air quality meeting the industry requirements.
- > Some products are in stock **(A)** and some are on request **(B)**
- see legend in each section

PRODUCT INDEX

CYLINDERS, PNEUMATIC VALVES AND ACCESSORIES	SECTION A
1. Cylinders – 316 Stainless Steel 2. Round Cylinders – 316 Stainless Steel 3. Non-repairable Cylinders – Corrosion Resistant 4. Compact Cylinders – 316 Stainless Steel	Page 4
5. Pneumatic Valves - Aluminium 6. Pneumatic Valves - 316 Stainless Steel 7. Quick Exhaust Valves – 316 Stainless Steel 8. Flow Control Valves – 316 Stainless Steel	Page 5
9. Mufflers – Acetal 10. Mufflers – 316 Stainless Steel 11. Mufflers/Compact Filters – 316 Stainless Steel 12. Speed Control Mufflers – 316 Stainless Steel/303 13. In-line Check Valves – 316 Stainless Steel	Page 6
FITTINGS, PUSH-TO-CONNECT- FITTINGS, TUBINGS AND HOSES	SECTION B
1. Fittings – 316 Stainless Steel 2. Push-to-connect Fittings – 316 Stainless Steel 3. Push-to-connect Fittings – Nylon 4. Sealants for Stainless Steel	Page 7
5. Tubing – Polyurethane 6. Tubing – PTFE / FDA 7. Tubing – LLDPE /FDA	Page 8
8. Hoses – PVC / FDA 9. Hoses – Reinforced PVC 10. POLYWIRE Hoses 11. Hose Clamps	Page 8
COMPRESSED AIR QUALITY	SECTION C
1. Filters – Class 1.4.1 2. Refrigerant Air Dryers 3. Dessicant Air Dryers 4. Regenerative Air Dryers	Page 9
COMPRESSED AIR TREATMENT AT THE POINT OF USE	SECTION D
1. Filter-Regulator-Lubricator – 316 Stainless Steel 2. Gauges – Stainless Steel	Page 9
BALL VALVES AND VALVES	SECTION E
1. Mini Ball Valves – 316 Stainless Steel 2. Ball Valves / Full Flow – 316 Stainless Steel 3. Ball Valves / Reduced Flow – 316 Stainless Steel	Page 10
4. Solenoid Valves – 2 ways/2 positions 5. Pneumatic Valves – Stainless Steel	Page 10
QUICK COUPLERS	SECTION F
1. Industrial – 304 Stainless Steel 2. Straigth Through – 304 Stainless Steel 3. Hydraulics ISO B – 304 Stainless Steel	Page 10
OTHER PRODUCTS	SECTION G
1. Blow Guns – 316 Stainless Steel Tube 2. ASME Safety Valves 3. HOSEGUARD Safety Valves – 303 Stainless Steel 4. ECOREG Regulators 5. Hose Reels – Stainless Steel 6. Food Grade Oil 7. Flat Nozzle – ULTEM 1000 8. Nozzle – 303 Stainless Steel	Page 11

CYLINDERS, PNEUMATIC VALVES AND ACCESSORIES

SECTION A

1. Cylinders – 316 Stainless Steel

(B)



NFPA

- Bore size: 1 ½ to 8 in
- Stroke: up to 120 in
- Working pressure: 200 PSI

- Working temperature: -20 to 250 °C (with Viton seal)
- Adjustable bumpers : Optional
- NSF lubrication: Optional



ISO 15552

- Bore size: 32 to 200 mm
- Stroke: up to 2500 mm
- Working pressure: 7 to 145 PSI

- Working temperature: -20 to 150 °C (with Viton seal)
- NSF lubrication: Optional
- NPT thread: Optional

2. Round Cylinders – 316 Stainless Steel

(B)



ISO 15552

- Bore size: 32, 40, 50, 63 mm
- Stroke: up to 1000 mm
- Working pressure: 7 to 145 PSI
- Working temperature: -20 to 150 °C (with Viton seal)
- Repairable
- NSF lubrication: Optional

3. Corrosion Resistant Cylinders

(B)



CR

- Bore size: 9/16 to 2 ½ in
- Body: 304 Stainless Steel
- Cap: Acetal
- Single or double acting

- Nose or Universal mount
- Working pressure: 100 PSI
- Working temperature: -25 to 95 °C (with Viton seal)
- FDA prelubrication : Optional



ISO 6432

- Bore size: 16, 20, 25 mm
- 304 Stainless Steel
- Double acting
- Universal mounting
- Repairable

- Working pressure: 145 PSI
- Stroke: up to 1000 mm
- Working temperature: -20 to 150 °C (with Viton seal)
- FDA prelubrication : Optional

4. Compacts Cylinder s – 316 Stainless Steel

(B)



ISO 21287

- Bore size: 25 to 100 mm
- Stroke: up to 500 mm
- Working pressure: 40 to 145 PSI
- Working temperature: -20 to 150 °C (with Viton seal)
- NSF lubrication: Optional

(A): Product in stock
(B): Product upon request

5. Pneumatic Valves – Aluminium

(A)



OPTIMA

NPT

- Series 80
- 3/2, 5/2, 5/3 way/position
- 1/8, 1/2, 3/8, 1/2



MAXPRO

NPT

- Series 80
- 3/2, 5/2, 5/3 way/position
- 1/8, 1/4, 3/8, 1/2

6. Pneumatic Valves – 316 Stainless Steel

(A)



NPT

- Series 80
- 3/2, 5/2, 5/3 way/position
- 1/4

7. Quick Exhaust Valves – 316 Stainless Steel

(B)



NPT

- 1/8 to 1
- Working pressure: 29 to 145 PSI
- Working temperature: -20 to 80 °C

G (BSPP)

- 1/8 to 1
- Working pressure: 29 to 145 PSI
- Working temperature: -20 to 80 °C

8. Flow Control Valves – 316 Stainless Steel

(B)



G (BSPP)

- 1/8, 1/4, 3/8, 1/2
- Working pressure: 29 to 145 PSI

(A): Product in stock

(B): Product upon request

CYLINDERS, PNEUMATIC VALVES AND ACCESSORIES

SECTION A

9. Acetal Mufflers

(A)



NPT

- Series 86
- 1/8, 1/4, 3/8, 1/2, 3/4, 1
- Maximum working pressure: 150 PSI
- Working temperature: 5 to 80 °C

R (BSPT)

- Series 86
- 1/8, 1/4, 3/8, 1/2
- Maximum working pressure: 150 PSI
- Working temperature: 5 to 80 °C

10. Mufflers – 316 Stainless Steel

(A)



NPT

- Series 86
- 10-32 to 1
- Maximum working pressure: 116 PSI
- Working temperature: -10 to 250 °C

R (BSPT)

- Series 86
- 1/8 to 1/2
- Maximum working pressure: 116 PSI
- Working temperature: -10 to 250 °C

11. Mufflers/Compact Filters – 316 Stainless Steel

(B)



NPT

- 1/8 to 1
- Maximum working pressure: 150 PSI
- Working temperature: 2 to 200 °C

R (BSPT)

- 1/8 to 1
- Maximum working pressure: 150 PSI
- Working temperature: 2 to 200 °C

12. Speed Control Mufflers – 316 Stainless Steel

(B)



NPT

- 1/8 to 1
- Maximum working pressure: 300 PSI
- Working temperature: 2 to 200 °C

R (BSPT)

- 1/8 to 1
- Maximum working pressure: 300 PSI
- Working temperature: -20 to 200 °C

13. In-Line Check Valves – 316 Stainless Steel

(B)



NPT

- 1/4 to 1
- Working temperature: -20 to 80 °C

G (BSPP)

- 1/8 to 1
- Working temperature: -20 to 80 °C

(A): Product in stock

(B): Product upon request

FITTINGS, PUSH-TO-CONNECT FITTINGS, TUBING AND HOSES TUBING SECTION B

1. Fittings – 316 Stainless Steel (B)



NPT

- 1/8 to 2
- Maximum working pressure: 217 PSI
- Working temperature: -20 to 80 °C

R (BSPT)

- 1/8 to 2
- Maximum working pressure: 217 PSI
- Working temperature: -20 to 80 °C

2. Push-to-Connect Fittings – 316 Stainless Steel (A)



NPT

- Series 43
- 5/32, 1/4, 5/16, 3/8, 1/2
- Maximum working pressure: 217 PSI
- Working temperature: -15 to 120 °C

R (BSPT)

- Series 43
- 4, 6, 8, 10, 12, 16
- Maximum working pressure: 217 PSI
- Working temperature: -15 to 120 °C

3. Push-to-Connect Fittings – Nylon (B)



NPT

- 5/32, 1/4, 5/16, 3/8, 1/2
- Maximum working pressure: 145 PSI (at 70 °C)
- Working temperature: 0 to 70 °C
- NSF 51 certification

4. Sealants for Stainless Steel (B)



PTFE tape / grey








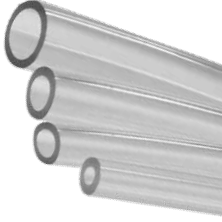

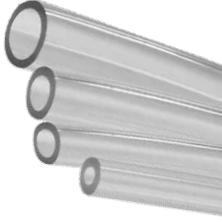
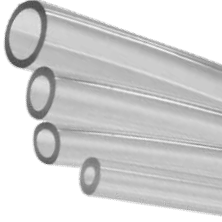


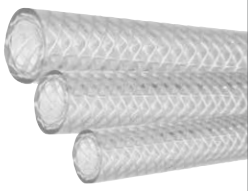








Anaerobic adhesive sealant

(A): Product in stock

(B): Product upon request

PUSH-TO-CONNECT FITTINGS, TUBING AND HOSES







SECTION B

5. Tubing – Polyurethane		(B)
	<p>Inch</p> <ul style="list-style-type: none"> • 5/32, 1/4, 5/16, 3/8, 1/2 • Working temperature: -40 to 70 °C • NSF 51 certification 	<p>Metric</p> <ul style="list-style-type: none"> • 4, 6, 8, 10, 12 mm • Working temperature: -40 to 70 °C • NSF 51 certification
		
6. Tubing – PTFE – FDA		
	<p>Inch</p> <ul style="list-style-type: none"> • Series 37 • 5/32, 1/4, 5/16, 3/8 • Working temperature: -60 to 260 °C 	<p>Metric</p> <ul style="list-style-type: none"> • Series 37 • 4, 6, 8 mm • Working temperature: -60 to 260 °C
		
7. Tubing – LLDPE - FDA		(A)
	<p>Inch</p> <ul style="list-style-type: none"> • Series 34 • 1/4, 3/8, 1/2 • Working temperature: -45 to 60 °C 	
		
8. Tubing – PVC – FDA/NSF		(A)
	<p>Inch</p> <ul style="list-style-type: none"> • Series 38 • 1/4 to 2 1/2 • Working temperature: -4 to 65 °C 	
	 	
9. Hoses – PVC – FDA/NSF		(A)
	<p>Inch</p> <ul style="list-style-type: none"> • Series 38 • 1/4 to 2 • Working temperature: -4 to 65 °C 	
	  ACIA	
10. POLYWIRE Hoses – Reinforced PVC - NSF		(A)
	<p>Inch</p> <ul style="list-style-type: none"> • Series 38 • 1/2 to 2 1/2 • Working temperature: -4 to 65 °C 	
	 ACIA	
11. Hose Clamps		
	<p>Hose clamps</p> <ul style="list-style-type: none"> • Series 48 • 301 Stainless Steel 	
	<p>Two-ear hose clamps</p> <ul style="list-style-type: none"> • Stainless Steel 	

(A): Product in stock
(B): Product upon request




COMPRESSED AIR QUALITY

SECTION C

1. Filters – Class 1.4.1 (A)		2. Refrigerant Air Dryers (A)	
	<p>AIRFLO</p> <ul style="list-style-type: none"> Series 53 1/4 to 3 <p>TOPDRY</p> <ul style="list-style-type: none"> Series 53 1/4 to 2 1/2 		<ul style="list-style-type: none"> Series 49 15 to 250 SCFM 1/2 to 1-1/2 
<p>CRN CANADIAN REGISTRATION NUMBER</p>		<p>CRN CANADIAN REGISTRATION NUMBER</p>	
3. Dessicant Air Dryers		4. Regenerative Air Dryers (A)	
	<ul style="list-style-type: none"> Series 49 1/2, 3/4 		<ul style="list-style-type: none"> Series 49 10 to 212 SCFM Dew point: -40 °C Working temperature: 2 to 50 °C 
<p>CRN CANADIAN REGISTRATION NUMBER</p>		<p>CRN CANADIAN REGISTRATION NUMBER</p>	

COMPRESSED AIR TREATMENT AT THE POINT OF USE

SECTION D

1. Filter-Regulator-Lubricator – 316 Stainless Steel (A)	
	<p>AIRFLO</p> <ul style="list-style-type: none"> Series 51 1/4, 3/8, 1/2 Working temperature: -10 to 60 °C
2. Gauges – Stainless Steel (A)	
	<p>Digital gauges</p> <ul style="list-style-type: none"> Series 55 63, 80 mm 0-100 PSI / 0-300 PSI 316/304 Stainless Steel 1/4 LM
	<p>Dial gauges</p> <ul style="list-style-type: none"> Series 55 2 1/2, 4 0-15 to 0-15,000 PSI 316/304 Stainless Steel 1/4 LM

BALL VALVES

SECTION E

1. Mini Ball Valves – 316 Stainless Steel (B)



NPT

- 1/8, 1/4, 3/8, 1/2
- Maximum working pressure: 400 PSI
- Working temperature: -10 to 150 °C

G (BSPP)

- 1/4, 3/8, 1/2
- Maximum working pressure: 360 PSI
- Working temperature: -20 to 150 °C

2. Ball Valves – Full Flow – 316 Stainless Steel (A)



NPT

- Series 65
- 1/4 to 2
- Maximum working pressure: 1000 PSI
- Working temperature: -45 to 204 °C

G (BSPP)

- 1/4, 3/8, 1/2
- Maximum working pressure: 1000 PS
- Working temperature: -20 to 150 °C

3. Ball Valves – Reduced Flow – 316 Stainless Steel (A)



NPT

- Series 65
- 1/4 to 2
- Maximum working pressure: 1000 psi
- Working temperature: -45 to 232 °C

4. Solenoid Valves – 316 Stainless Steel (B)



NPT

- 2/2
- Diaphragm design
- 1/4 to 2
- CSA certification

5. Pneumatic Valves – 316 Stainless Steel (B)



NPT

- 2/2
- Angle-seat design
- 1/2 to 2 1/2
- Working pressure: 7 to 145 PSI
- Working temperature: -10 to 180 °C (with PTFE seal)

QUICK COUPLERS

SECTION F

1. Industrial – 304 Stainless Steel (A)



- Series 20 : 1/4
- Series 21 : 3/8
- Series 22 : 1/2

2. Straight Through – 304 Stainless Steel (A)



- Series 28
- 1/4, 3/8, 1/2, 3/4
- Working temperature: -20 to 200 °C

3. Hydraulics ISO B – 304 Stainless Steel (A)



- Series 29
- 1/4, 3/8, 1/2, 3/4
- Working temperature: -20 to 200 °C

OTHER PRODUCTS

SECTION G

1. Blow Guns – 316 Stainless Steel Tube (A)



- NPT
- Series 60
 - STARTIP safety nozzle
 - Full flow
 - High performance

2. ASME Safety Valves – Stainless Steel (A)



- NPT
- Series 9
 - 1/4, 1/2
 - Preset pressure: 75, 125, 150, 200 PSI

3. HOSEGUARD Safety Valves – 303 Stainless Steel (B)



- NPT
- Series 58
 - 1/4, 1/2
 - Material: Nickel plated brass
 - Max. working pressure: 260 PSI
 - Working temperature: -20 to 120 °C

4. ECOREG Regulators (B)



- NPT / BSP
- Fluid: Water
 - Material: Grivory GV-5 FWA
 - Pressure: 15 to 120 PSI
 - Max. working pressure: 260 PSI
 - Working temperature: 0 to 60 °C
 - NSF certification

5. Hose Reels – Stainless Steel (A)



- Series 79
- 3/8, 1/2
- Maximum working pressure: 250 PSI

6. Food Grade Oil (A)



- Series 69
- ISO 32- SAE 10
- 21 CFR (FDA) standards
- NSF H1 certification

7. Flat Nozzle – ULTEM 1000 (A)



- Series 68
- Working temperature: -10 to 200 °C

8. Nozzle – 303 Stainless Steel (A)



- Series 67
- Max. working pressure: 250 PSI
- Working temperature: 0 to 260 °C

(A): Product in stock

(B): Product upon request

TOPRING

T 450 375-1828 / 1 800 263-8677

solutions@**TOPRING**.ca

www.**TOPRING**.com

1020, boulevard Industriel

Granby (Québec) J2J 1A4 Canada