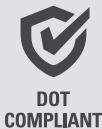


OEM-SPEC PTC COMPOSITE FITTINGS

FROM GROTE

CONNECT
 & PROTECT


MATERIALS:

STAINLESS STEEL, BRASS, NITRILE RUBBER,
PBT, POLYOXYMETHYLENE

OPERATING TEMPERATURE:

-40°C (-40°F) TO 60°C (140°F)

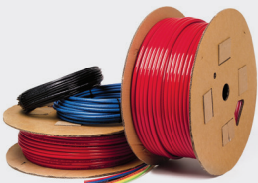
MAX OPERATING PRESSURE:

145 PSI (1.0 MPa)

APPROVALS:

SAEJ2494-3, DOT FMVSS 49 CFR 571.106

FITTINGS ARE FOR USE WITH GROTE'S DOT/J844 NYLON TUBING



FOR USE IN AIR BRAKE SYSTEMS ON HEAVY DUTY VEHICLES.

VARIETY OF COLORS & TUBE SIZES AVAILABLE COLD AND HEAT STABILIZED

OPERATING PRESSURE: UP TO 150 PSI

OPERATING TEMP: -40°C (-40°F) TO 93°C (200°F)

MATERIALS: UV & OZONE RESISTANT NYLON

APPROVALS:

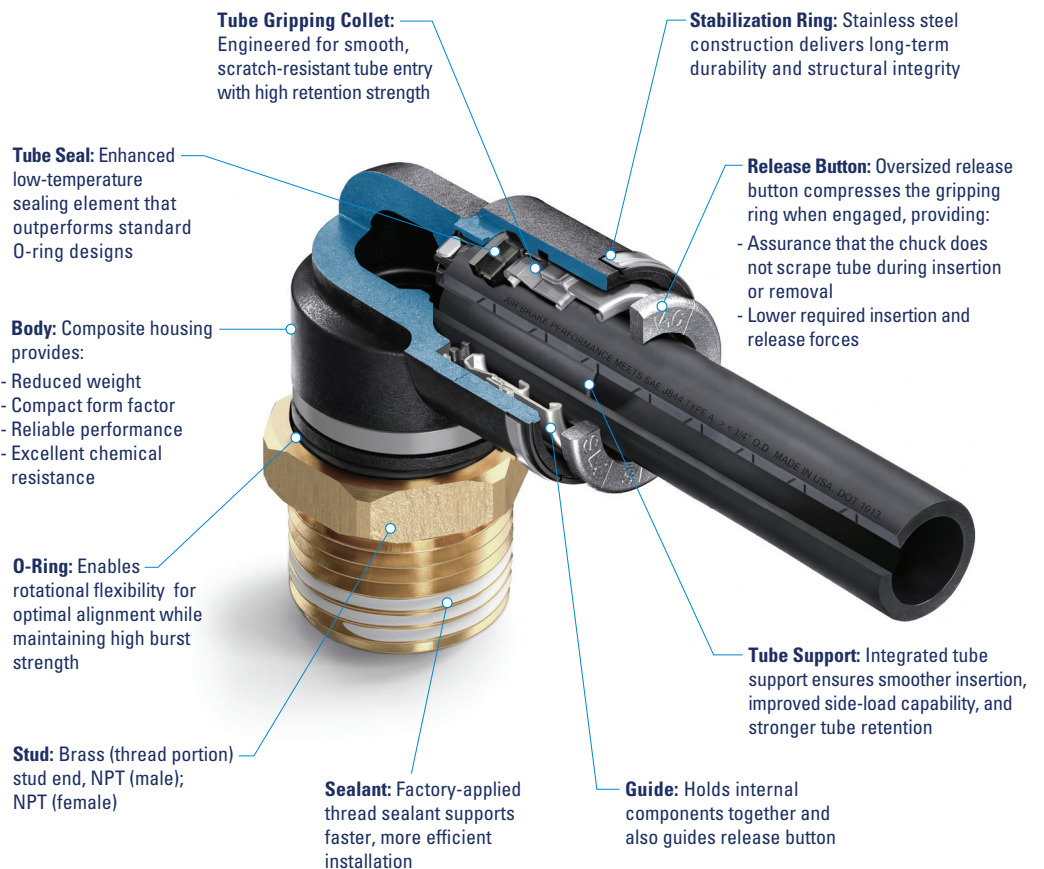
MEETS OR EXCEEDS SAE J844
TYPE A: SINGLE WALL TUBING
TYPE B: REINFORCED TUBING

MEETS OR EXCEEDS SAE J844, DOT FMVSS
(49 CFR 571.106) & FMCSA (393.45)

FASTER INSTALLS. FEWER REPAIRS. LESS DOWNTIME.

Grote OEM-Spec Push-to-Connect (PTC) fittings deliver secure, one-touch connections that accelerate assembly and reduce installation labor. The rugged composite body is engineered to withstand vibration, chemicals, and UV exposure — minimizing failures in the field, reducing repair frequency, and keeping vehicles on the road and out of the shop.

ARCHITECTURE OF A GROTE OEM-SPEC PUSH-TO-CONNECT COMPOSITE FITTING



EZ-FIND
SCAN FOR TECH SPECS,
RELATED PRODUCTS
AND MORE

**FOR MORE INFORMATION
VISIT OUR WEBSITE.
GROTE.COM**



OEM-SPEC PTC COMPOSITE FITTINGS

FROM GROTE

**CONNECT
& PROTECT**

**EASY
INSTALLATION**

**MINIMIZE
COST**

**MEETS OR
EXCEEDS**

**DOT
COMPLIANT**


TUBE CUTTER

AIR BRAKE, FOR 18MM TUBING OR LESS

Perpendicular tube cutting with reduced force and safety lock. Used for Nylon, Soft Nylon, Polyurethane and other soft plastic tubing.

83-6579


ECONOMY TUBE CUTTER

AIR BRAKE, FOR 12MM TUBING OR LESS

Low cost plastic pneumatic tube cutter with safety lock. Cuts through Nylon, Soft Nylon, Polyurethane and other soft plastic tubings.

83-6580

MALE CONNECTOR

MALE ELBOW

MALE ELBOW, 45°

BULKHEAD UNION

STRAIGHT UNION

UNION ELBOW

Y UNION

UNION TEE

MALE BRANCH TEE

MALE RUN TEE

PART #	DESCRIPTION	TUBE	PIPE	PACK
MALE CONNECTOR				
81-0203-PC	MALE CONNECTOR	1/4"	1/8"	10
81-0204-PC	MALE CONNECTOR	1/4"	1/4"	10
81-0205-PC	MALE CONNECTOR	3/8"	1/4"	10
81-0206-PC	MALE CONNECTOR	3/8"	3/8"	10
81-0207-PC	MALE CONNECTOR	3/8"	1/2"	5
81-0208-PC	MALE CONNECTOR	1/2"	3/8"	5
81-0209-PC	MALE CONNECTOR	1/2"	1/2"	5
81-0235-PC	MALE CONNECTOR	1/4"	3/8"	10
81-0236-PC	MALE CONNECTOR	5/32"	1/8"	10
81-0237-PC	MALE CONNECTOR	5/32"	1/4"	10
81-0238-PC	MALE CONNECTOR	1/2"	1/4"	10
MALE ELBOW				
81-0210-PC	MALE ELBOW	1/4"	1/4"	10
81-0211-PC	MALE ELBOW	1/4"	3/8"	10
81-0212-PC	MALE ELBOW	3/8"	1/8"	10
81-0213-PC	MALE ELBOW	3/8"	1/4"	10
81-0214-PC	MALE ELBOW	3/8"	3/8"	10
81-0215-PC	MALE ELBOW	1/2"	3/8"	5
81-0216-PC	MALE ELBOW	1/2"	1/2"	5
81-0239-PC	MALE ELBOW	1/4"	1/8"	10
81-0240-PC	MALE ELBOW	5/32"	1/8"	10
81-0241-PC	MALE ELBOW	1/2"	1/4"	10
81-0242-PC	MALE ELBOW	5/8"	1/2"	5
MALE ELBOW, 45°				
81-0229-PC	MALE ELBOW, 45°	3/8"	1/4"	10
81-0230-PC	MALE ELBOW, 45°	3/8"	3/8"	10
81-0231-PC	MALE ELBOW, 45°	1/2"	1/4"	5
81-0232-PC	MALE ELBOW, 45°	1/2"	3/8"	5

PART #	DESCRIPTION	TUBE	PIPE	PACK
UNION ELBOW				
81-0245-PC	UNION ELBOW	1/4"	—	10
81-0246-PC	UNION ELBOW	3/8"	—	10
BULKHEAD UNION				
81-0200-PC	BULKHEAD UNION	1/4"	—	10
81-0201-PC	BULKHEAD UNION	3/8"	—	10
81-0202-PC	BULKHEAD UNION	1/2"	—	5
STRAIGHT UNION				
81-0217-PC	STRAIGHT UNION	1/4"	—	10
81-0218-PC	STRAIGHT UNION	3/8"	—	10
81-0219-PC	STRAIGHT UNION	1/2"	—	5
81-0243-PC	STRAIGHT UNION	5/32"	—	10
81-0244-PC	STRAIGHT UNION	5/8"	—	5
Y UNION				
81-0220-PC	Y UNION	1/4"	—	10
UNION TEE				
81-0221-PC	UNION TEE	1/4"	—	10
81-0222-PC	UNION TEE	3/8"	—	10
81-0223-PC	UNION TEE	1/2"	—	5
MALE BRANCH TEE				
81-0224-PC	MALE BRANCH TEE	1/4"	1/4"	10
81-0225-PC	MALE BRANCH TEE	3/8"	1/4"	10
81-0226-PC	MALE BRANCH TEE	3/8"	3/8"	10
81-0227-PC	MALE BRANCH TEE	1/2"	3/8"	5
81-0228-PC	MALE BRANCH TEE	3/8"	1/8"	10
MALE RUN TEE				
81-0233-PC	MALE RUN TEE	3/8"	1/4"	10
81-0234-PC	MALE RUN TEE	3/8"	3/8"	10



EZ-FIND
SCAN FOR TECH SPECS,
RELATED PRODUCTS
AND MORE

⚠ IMPORTANT SAFETY INFORMATION

- Grote OEM-Spec PTC composite fittings are intended for use in compressed air systems only.
- All fittings must be installed in accordance with applicable manufacturer and industry standards.
- Not rated for applications exceeding 145 psi or 140°F.
- Per Department of Transportation FMVSS 49CFR571-106, these fittings must not be used between towing and towed vehicles or between a driveshaft and chassis.
- Misapplication or use outside specified parameters may result in serious injury or property damage.