

NYLON FITTINGS

Nylon fittings are made exclusively from engineering grade 6/6 virgin resin. The use of virgin resin results in molded parts that are at least 30% stronger than molded parts made with re-ground materials. Virgin resin also result in parts that are a more uniform white color for more consistent appearance.

Nylon fittings are generally acceptable for use at working pressures up to 150 psi at ambient temperatures. At very low pressures, temperatures can approach 175 F with no degradation in the performance of the nylon fitting.

Nylon has good resistance to a fairly broad range of chemicals including most agricultural chemicals, ammo-

nium compounds, detergents, diesel fuel, ethanol, gasoline, hexane, magnesium sulfate, most sodium compounds, trichlorethylene and zinc sulfate. Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, flourine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulphuric acid and xylene.

PHYSICAL PROPERTIES OF NYLON 6/6

Specific Gravity	1.12
Heat Distortion	375 F
Rockwell Hardness (R)	120
Izod Impact	1.9 ft - lbs./in.

BLACK NYLON AVAILABLE BY SPECIAL ORDER

SERIES A



Male Taper Pipe by Hose Barb

Many new sizes now available

Part No.	M.P.T.	x	Barb	Std. Pack
A18316	1/8	x	3/16	50
A1814	1/8	x	1/4	50
A18516	1/8	x	5/16	50
A1838	1/8	x	3/8	50
A14316	1/4	x	3/16	50
A14	1/4	x	1/4	50
A14516	1/4	x	5/16	50
A1438	1/4	x	3/8	50
A1412	1/4	x	1/2	50
A38516	3/8	x	5/16	50
A3814	3/8	x	1/4	50
A38	3/8	x	3/8	50
A3812	3/8	x	1/2	50
A3858	3/8	x	5/8	50
A12316	1/2	x	3/16	50
A1214	1/2	x	1/4	50
A1238	1/2	x	3/8	50
A12	1/2	x	1/2	50
A1258	1/2	x	5/8	50
A1234	1/2	x	3/4	50
A12100	1/2	x	1	50
A3414	3/4	x	1/4	25
A3438	3/4	x	3/8	25
A3412	3/4	x	1/2	25
A3458	3/4	x	5/8	25
A34	3/4	x	3/4	25
A34100	3/4	x	1	25
A10034	1	x	3/4	25
A100	1	x	1	25
A100114	1	x	1 1/4	25
A11434	1 1/4	x	3/4	1
A114100	1 1/4	x	1	1
A114	1 1/4	x	1 1/4	1
A114112	1 1/4	x	1 1/2	1
A112114	1 1/2	x	1 1/4	1
A112	1 1/2	x	1 1/2	1
A200	2	x	2	1

SERIES AF



Female Taper Pipe by Hose Barb

Part No.	F.P.T.	x	Barb	Std. Pack
AF14	1/4	x	1/4	50
AF1438	1/4	x	3/8	50
AF34	3/4	x	3/4	50

SERIES AS14



Male Taper Pipe by "slip on" Hose Barb

Part No.	M.P.T.	x	Barb	Std. Pack
AS14	1/4	x	1/4	50

Note: For use with special hose used in low pressure applications. Requires no clamping. May be used with standard hose and regular clamping.

SERIES B12



Nozzle Nut

Part No.	F.P.S.	Std. Pack
B12	11/16	50

Note: Fits all nozzle fittings with 11/16 male straight thread.

NYLON FITTINGS

SERIES B34

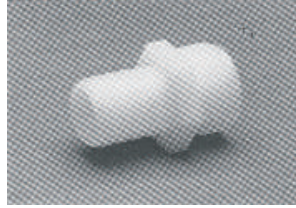


**Female Garden Hose
Swivel Nut - Knurles**

Part No.	F.G.H.T.	Std. Pack
B34	3/4	25

Note: For use with C14 through C34, on page 12. See page 18 for washers.

SERIES D



**Male Garden Hose by
Hose Barb**

Part No.	M.G.H.T.	x	Barb	Std. Pack
D3414	3/4	x	1/4	25
D3438	3/4	x	3/8	25
D3412	3/4	x	1/2	25
D3458	3/4	x	5/8	25
D34	3/4	x	3/4	25

SERIES B



Swivel Nut - Hex

Part No.	F.P.S.	Std. Pack
B35 (See note)	3/4	25
B100 (use with C100, below)	1	25

Note: For use with C14 through C34 shown below. See page 18 for washers.

SERIES E



**Adaptor - Male Garden
Hose by Male Pipe**

Part No.	M.G.H.T.	x	M.P.T.	Std. Pack
E3438	3/4	x	3/8	25
E3412	3/4	x	1/2	25
E34	3/4	x	3/4	25

SERIES C



Flat Seat Hose Barb

Part No.	Barb	Std. Pack
C14	1/4	50
C38	3/8	50
C12	1/2	50
C58	5/8	50
C34	3/4	25
C100 (use with B100, above)	1	25

Note: For use with B35 (above) and B34, above.

NYLON FITTINGS

SERIES EL



Elbow - Male Taper Pipe by Hose Barb

Many new sizes now available.

Part No.	M.P.T.	x	Barb	Std. Pack
EL18316	1/8	x	3/16	50
EL1814	1/8	x	1/4	50
EL18516	1/8	x	5/16	50
EL1838	1/8	x	3/8	50
EL14316	1/4	x	3/16	50
EL14	1/4	x	1/4	50
EL1438	1/4	x	3/8	50
EL14516	1/4	x	5/16	50
EL1412	1/4	x	1/2	50
EL1458	1/4	x	5/8	50
EL3814	3/8	x	1/4	50
EL38	3/8	x	3/8	50
EL38516	3/8	x	5/16	50
EL3812	3/8	x	1/2	50
EL3858	3/8	x	5/8	50
EL1214	1/2	x	1/4	50
EL1238	1/2	x	3/8	50
EL12	1/2	x	1/2	50
EL1258	1/2	x	5/8	50
EL1234	1/2	x	3/4	50
EL12100	1/2	x	1	50
EL3414	3/4	x	1/4	25
EL3438	3/4	x	3/8	25
EL3412	3/4	x	1/2	25
EL3458	3/4	x	5/8	25
EL34	3/4	x	3/4	25
EL34100	3/4	x	1	25
EL10012	1	x	1/2	25
EL10034	1	x	3/4	25
EL100	1	x	1	25
EL11434	1 1/4	x	3/4	1
EL114100	1 1/4	x	1	1
EL114	1 1/4	x	1 1/4	1
EL114112	1 1/4	x	1 1/2	1
EL112	1 1/2	x	1 1/2	1
EL200	2	x	2	1

SERIES EL-F



Elbow - Female Pipe Thread by Hose Barb

Part No.	F.P.T.	x	Barb	Std. Pack
EL3812F	3/8	x	1/2	50
EL3412F	3/4	x	1/2	25
EL34F	3/4	x	3/4	25

SERIES EL-GP



Elbow - Male Garden Hose by Male Pipe

Part No.	M.G.H.T.	x	M.P.T.	Std. Pack
EL3812GP	3/4	x	1/2	25
EL34GP	3/4	x	3/4	25

SERIES EL-HB



Elbow-Hose Barb by Hose Barb

Part No.	Barb	x	Barb	Std. Pack
EL14HB	1/4	x	1/4	50
EL38HB	3/8	x	3/8	50
EL1214HB	1/2	x	1/4	50
EL1238HB	1/2	x	3/8	50
EL12HB	1/2	x	1/2	50
EL58HB	5/8	x	5/8	50
EL34HB	3/4	x	3/4	25
EL100HB	1	x	1	25

SERIES ELD



Elbow - Male Garden Hose Thread by Hose Barb

Part No.	M.G.H.T.	x	Barb	Std. Pack
ELD3414	3/4	x	1/4	25
ELD3438	3/4	x	3/8	25
ELD3412	3/4	x	1/2	25
ELD3458	3/4	x	5/8	25
ELD34	3/4	x	3/4	25

SERIES F



Hex Head Pipe Plug

Part No.	M.P.T.	Std. Pack
F18	1/8	50
F14	1/4	50
F38	3/8	50
F12	1/2	50
F34	3/4	25
F100	1	25
F114	1 1/4	1
F112	1 1/2	1
F200	2	1

NYLON FITTINGS

SERIES FC



**Coupling-Female Pipe
by Female Pipe**

Part No.	F.P.T	x	F.P.T.	Std. Pack
FC12	1/2	x	1/2	25
FC34	3/4	x	3/4	10
FC100	1	x	1	10
FC114	1 1/4	x	1 1/4	1
FC112	1 1/2	x	1 1/2	1
FC200	2	x	2	1

SERIES FM



**Coupling-Female Pipe
by Male Pipe**

Material is glass filled black nylon.

Part No.	F.P.T.	x	M.P.T.	Std. Pack
FM100	1	x	1	10

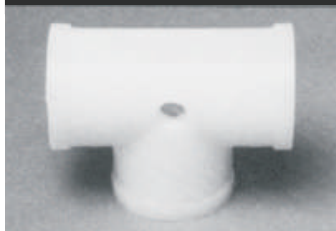
SERIES G



**Adaptor - Male
Garden Hose Pipe by
Female Pipe**

Part No.	M.G.H.T.	x	F.P.T.	Std. Pack
G3414	3/4	x	1/4	25
G3412	3/4	x	1/2	25
G34	3/4	x	3/4	25

SERIES GTT



**Tee-Female Thread
w/ 1/4" Gauge Port**

Also available with 1/8" gauge port by special order.

Part No.	F.P.T.	x	F.P.T.	x	F.P.T.	Std. Pack	End Shape
GTT1214	1/2	x	1/2	x	1/2	25	Round
GTT3414	3/4	x	3/4	x	3/4	10	Round
GTT10014	1	x	1	x	1	1	Round
GTT11414	1 1/4	x	1 1/4	x	1 1/4	1	Round
GTT11214	1 1/2	x	1 1/2	x	1 1/2	1	Round
GTT20014	2	x	2	x	2	1	Round

SERIES H



**Adaptor - Female
Garden Hose by
Male Pipe**

Part No.	F.G.H.T.	x	M.P.T.	Std. Pack
H34	3/4	x	3/4	25

SERIES I



**Adaptor - Female
Garden Hose by
Male Garden Hose**

Part No.	F.G.H.T.	x	M.P.T.	Std. Pack
I34	3/4	x	3/4	25

SERIES J



**Coupling - Female
Garden Hose by
Female Pipe**

Part No.	F.G.H.T.	x	F.P.T.	Std. Pack
J3412	3/4	x	1/2	25

SERIES K



Barb for 8027 Nut

Part No.	Barb	Std. Pack
K8414	1/4	50
K8438	3/8	50
K8412	1/2	50

NYLON FITTINGS

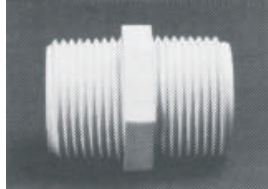
SERIES LL



**Elbow - Female Pipe by
Female Pipe 90 Degree**

Part No.	F.P.T.	x	F.P.T.	Std. Pack
LL12	1/2	x	1/2	25
LL34	3/4	x	3/4	10
LL100	1	x	1	10
LL114	1 1/4	x	1 1/4	1
LL112	1 1/2	x	1 1/2	1
LL200	2	X	2	1

SERIES M



**Nipple-Male Pipe by
Male Pipe**

Part No.	M.P.T.	x	M.P.T.	Length	Std. Pack
M18	1/8	x	1/8	1.00	50
M14	1/4	x	1/4	1.27	50
M38	3/8	x	3/8	1.26	50
M12	1/2	x	1/2	1.46	50
M34	3/4	x	3/4	1.48	25
M100	1	x	1	1.87	25
M114	1 1/4	x	1 1/4	2.08	1
M112	1 1/2	x	1 1/2	3.60	1
M200	2	x	2	3.46	1
Reducing Nipples					
M1418	1/4	x	1/8	1.11	50
M3818	3/8	x	1/8	1.12	50
M3814	3/8	x	1/4	1.24	50
M1218	1/2	x	1/8	1.24	50
M1214	1/2	x	1/4	1.36	50
M1238	1/2	x	3/8	1.37	50
M3438	3/4	x	3/8	1.34	25
M3412	3/4	x	1/2	1.49	25

SERIES N34



**Female Garden Hose
Cap - Knurled**

Part No.	F.G.H.T.	Std. Pack
N34	3/4	25

Note: See page 18 for washers.

SERIES N35

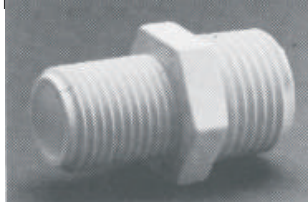


Cap - Hex

Part No.	F.P.S.	Std. Pack
N35	3/4	25

Note: See page 18 for washers.

SERIES NB



Nipple

Part No.	M.P.S.	x	M.P.T.	Std. Pack
NB1614	11/16	x	1/4	50
NB1612	11/16	x	1/2	50

Note: Fits all nozzle fittings with 11/16 female straight thread.

SERIES NBC



Nylon Ball Check

10 psi shut off pressure.
Use with nozzle fittings.

Part No.	F.P.S.	x	M.P.S.	Std. Pack
NBC10	11/16	x	11/16	50

SERIES NC



**Swivel Nut w/Barb
Insert (Ball Seat)**

Nut and barb are
purchased separately.

Part No.	Std. Pack
<i>Barb Only</i>	<i>Barb</i>
NC14	1/4
NC38	3/8
NC12	1/2
<i>Nut Only</i>	<i>F.P.T.</i>
NC14N	1/4
NC38N	3/8
NC12N	1/2

NYLON FITTINGS

SERIES NEL



Nylon Flood Tip Elbow Adaptor

Use with nozzle fittings.
Changes flat spray to
flood jets.

Part No.	F.P.S.	x	M.P.S.	Std. Pack
NEL10	11/16	x	11/16	25

SERIES NF



Coupling - Female Spray Tip Adaptor

Part No.	F.P.S.	x	F.P.T.	Std. Pack
NF1614	11/16	x	1/4	50

Note: Fits all nozzle fittings with 11/16 male straight thread.

SERIES NTL



Elbow-Male Thread by Barb

Part No.	M.P.S.	x	Barb	Std. Pack
NTL14	11/16	x	1/4	50
NTL38	11/16	x	3/8	50
NTL12	11/16	x	1/2	50
NTL58	11/16	x	5/8	50
NTL34	11/16	x	3/4	25

Note: Order B12 nut separately.

SERIES NTT



Tee-Male Thread by Barbs

Part No.	M.P.S.	x	Barb	Std. Pack
NTT38	11/16	x	3/8	50
NTT12	11/16	x	1/2	50
NTT58	11/16	x	5/8	50
NTT34	11/16	x	3/4	25

Note: Order B12 nut separately.

SERIES Q



Female Pipe Thread by "slip on" Hose Barb

Part No.	F.P.T.	x	Barb	Std. Pack
Q14 (Slip On)	1/4	x	1/4	50
Q12 (Slip On)	1/2	x	1/2	50

SERIES R



Tee-Male Thread

Part No.	M.P.T.	x	M.P.T.	x	M.P.T.	Std. Pack
R12	1/2	x	1/2	x	1/2	25

SERIES NTL



Reducer Bushing

Part No.	M.P.T.	x	F.P.T.	Std. Pack
RB3818	3/8	x	1/8	50
RB3814	3/8	x	1/4	50
RB1214	1/2	x	1/4	50
RB1238	1/2	x	3/8	50
RB3418	3/4	x	1/8	25
RB3414	3/4	x	1/4	25
RB3438	3/4	x	3/8	25
RB3412	3/4	x	1/2	25
RB10012	1	x	1/2	25
RB10034	1	x	3/4	25
RB11434	1 1/4	x	3/4	1
RB14100	1 1/4	x	1	1
RB11234	1 1/2	x	3/4	1
RB112100	1 1/2	x	1	1
RB112114	1 1/2	x	1 1/4	1
RB20034	2	x	3/4	1
RB200100	2	x	1	1
RB200114	2	x	1 1/4	1
RB200112	2	x	1 1/2	1
RB212200	2 1/2	x	2	1
RB300200	3	x	2	1

NYLON FITTINGS

SERIES SE



Street Elbow 90 Degree

SE34 is available with
1/8" gauge port.

Part No.	M.P.T.	x	F.P.T.	Std. Pack
SE14	1/4	x	14	25
SE12	1/2	x	1/2	25
SE34	3/4	x	3/4	10
SE100	1	x	1	10
SE114	1 1/4	x	1 1/4	1
SE112	1 1/2	x	1 1/2	1
SE200	2	x	2	1

SERIES SE



Street Elbow 45 Degree

Part No.	M.P.T.	x	F.P.T.	Std. Pack
SE3445	3/4	x	3/4	10

SERIES SHM, HM



Hose Mender Barb to Barb

As pictured - with knurl or hex in center. Some do not have center "stop" as noted.

Part No.	Barb	x	Barb	Std. Pack	Center
HM18	1/8	x	1/8	50	None
SHM14	1/4	x	1/4	50	Hex
SHM38	3/8	x	3/8	50	Knurl
SHM12	1/2	x	1/2	50	Knurl
SHM58	5/8	x	5/8	50	Knurl
SHM34	3/4	x	3/4	25	Knurl
SHM100	1	x	1	25	Knurl
SHM114	1 1/4	x	1 1/4	1	Knurl
SHM112	1 1/2	x	1 1/2	1	Knurl
SHM200	2	x	2	1	None
Reducing Hose Mender					
HM14316	1/4	x	3/16	50	None
HM3814	3/8	x	1/4	50	None
HM1214	1/2	x	1/4	50	None
SHM1238	1/2	x	3/8	50	Hex
SHM1258	1/2	x	5/8	50	Hex
HM5838	3/4	x	3/8	50	None

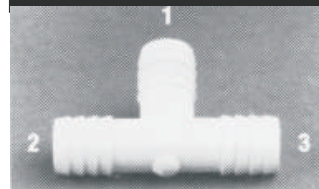
SERIES SP



Square Head Pipe Plug

Part No.	M.P.T.	Std. Pack
SP34	3/4	25

SERIES T

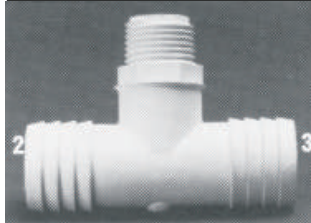


Tee-Barb by Barb by Barb

Part No.	Barb 1	x	Barb 2 & 3	Std. Pack
T18	1/8	x	1/8	50
T14	1/4	x	1/4	50
T1438	1/4	x	3/8	50
T38	3/8	x	3/8	50
T3812	3/8	x	1/2	50
T3858	3/8	x	5/8	50
T1238	1/2	x	3/8	50
T12	1/2	x	1/2	50
T58	5/8	x	5/8	50
T3412	3/4	x	1/2	25
T34	3/4	x	3/4	25
T100	1	x	1	25
T114	1 1/4	x	1 1/4	1
T112	1 1/2	x	1 1/2	1
T200*	2	x	2	1

*NEW - Available December, 1991.

SERIES T-T



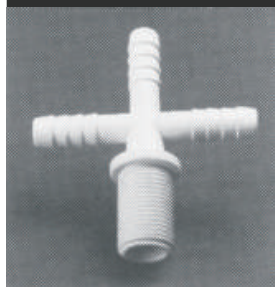
Tee-Barb by Male Thread

Part No.	M.P.T.	x	Barb 2 & 3	Std. Pack
T1814T	1/8	x	1/4	50
T14T	1/4	x	1/4	50
T1438T	1/4	x	3/8	50
T1412T	1/4	x	1/2	50
T3814T	3/8	x	1/4	50
T38T	3/8	x	3/8	50
T3812T	3/8	x	1/2	50
T1238T	1/2	x	3/8	50
T12T	1/2	x	1/2	50
T34T	3/4	x	3/4	25
T34100T	3/4	x	1	25

*NEW - Available December, 1991.

NYLON FITTINGS

SERIES T-C



Cross-Barbs by Male Thread

Part No.	M.P.S.	x	Barb	Std. Pack
T38C	11/16	x	3/8	50
T12C	11/16	x	1/2	50
T34C	11/16	x	3/4	25

Note: Order B12 nut separately.

SERIES T-F



Tee-Barbs by Female

Part No.	F.P.T.	x	Barb	Std. Pack
T34F	3/4	x	3/4	25

SERIES NTT

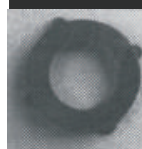


Tee-Female Thread

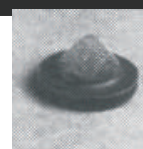
Part No.	F.P.T.	x	F.P.T.	x	F.P.T.	Std. Pack
TT14C*	1/4	x	1/4	x	1/4	25
TT14	1/4	x	1/4	x	1/4	25
TT12	1/2	x	1/2	x	1/2	25
TT34	3/4	x	3/4	x	3/4	10
TT100	1	x	1	x	1	1
TT114	1 1/4	x	1 1/4	x	1 1/4	1
TT112	1 1/2	x	1 1/2	x	1 1/2	1
TT200	2	x	2	x	2	1

*Top leg closed – used for mounting.

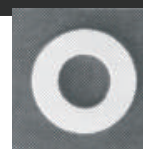
SERIES W



W406V



W160M



W405P



W403P



W404B

Washers

Please order in multiples of 100.

Part No.	O.D.	x	I.D.	Description	Std. Pack
W406V	1	x	3/4	Black Vinyl	100
W160M	1	x	5/8	Monel Filter 50/60 Mesh	100
W405P	1	x	1/2	Nat. Polypro.	100
W403P	*1.25	x	.68	Nat. Polyethy.	100
W404B	*1.2	x	.82	Buna N	100

For use with nuts on pages 11, 12 and 15.

*For use with B100 and C100, page 12.

SERIES WY



Wye-Male/Female by Hose Barbs

Part No.	Thread	x	Barbs	Std. Pack
WY3412F	3/4 M.G.H.T. 1/2 F.P.S.	x	1/2	25

Note: WY3412F is a double threaded 3/4" M.G.H.T. outside and special 1/2" F.P.S. threaded inside.

SERIES X



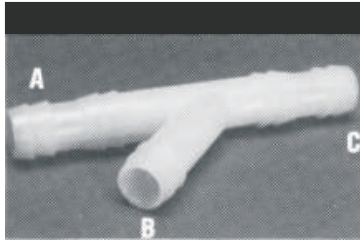
Tank Outlet

Part No.	Thread
X200	A=2" M.P.T., B= 1 1/4" F.P.T., C=3/4" M.P.T. x F.P.T. (internal) D=1/2" F.P.T.

NOTE: X200 is double threaded 3/4" M.P.T. outside and 3/4" F.P.T. inside (point C).

NYLON FITTINGS

SERIES Y



Wye - Hose Barbs

Part No.	A.B.C.	Std. Pack
Y1245	1/2	1

SERIES 38



Thread By Barb

Part No.	M.P.S.	x	Barb	Std. Pack
38D	11/16	x	3/8	50
3812D	11/16	x	1/2	50

Note: Order B12 nut separately.

SERIES 3942



Nozzle Cap

Part No.	F.P.S.	Std. Pack
3942	11/16	50

Note: Fits all nozzle fittings with 11/16 male straight thread.

SERIES 8027

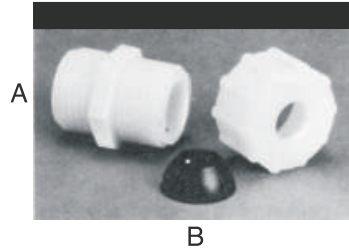


Swivel Nut

Part No.	F.P.S.	Std. Pack
8027	11/16	50

Note: Fits all nozzle fittings with 11/16 male straight thread.

ROPE WICK



Rope Wick Parts Unassembled

Ordering Note: Order all 3 parts in equal quantities.

Part No.	Description	Std. Pack
E34*	A. 3/4" M.G.H.T. x 3/4" M.P.T.	25
W407F	B. Buna Cone Plug	100
B3412	C. 3/4" FGHT Nut w/1/2" Hole	25
*May also use:		
E3412	3/4" MGHT x 1/2" MPT	25

ROPE WICK

Rope Wick Parts Unassembled

Assembly requires one of each part.



B D A E C F

Part No.	Description	Std. Pack
RW1116A	A. Nylon Washer	100
RW1116B	B. Main Body	50
RW1116C	C. O-Ring	100
RW1116D	D. Grommet	100
B12	E. 11/16" (Lock) Nut	50
8027	F. 11/16" Swivel Nut	50

NYLON DO'S AND DON'TS

DO

- Use for high structural or physical strength
- Use for broader temperature ranges below zero to 200° F
- Use teflon tape, Rectorseal #5 or other approved sealant

DON'T

- Use with acid-based fertilizers.
- Use with xylene-based chemicals
- Use in situations where long exposure to ultraviolet radiation will occur